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STRUCTURE FILE UPDATES: 22 APR 2002 HIGHEST RN 406672-48-8
 DICTIONARY FILE UPDATES: 22 APR 2002 HIGHEST RN 406672-48-8

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when
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Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES
 for more information. See STNote 27, Searching Properties in the CAS
 Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> d sta que 139
 L34 STR
 @5 10
 C 0
 | :||:
 Me CH2=G1—C 3
 8 1 2

VAR G1=CH/5
 NODE ATTRIBUTES:
 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 6

STEREO ATTRIBUTES: NONE
 L35 79010 SEA FILE=REGISTRY ABB=ON PLU=ON C2H4O
 L36 45804 SEA FILE=REGISTRY ABB=ON PLU=ON C3H6O
 L37 108520 SEA FILE=REGISTRY ABB=ON PLU=ON (L35 OR L36)
 L39 29523 SEA FILE=REGISTRY SUB=L37 SSS FUL L34

100.0% PROCESSED 39768 ITERATIONS 29523 ANSWERS
 SEARCH TIME: 00.00.02

=> d his

(FILE 'HOME' ENTERED AT 07:31:19 ON 24 APR 2002)
 SET COST OFF

FILE 'HCAPLUS' ENTERED AT 07:31:35 ON 24 APR 2002
 E MOSBEY D/AU
 L1 2 S E4
 E ELAN G/AU
 E EIAN G/AU
 L2 25 S E4-E6
 E SCHOLZ M/AU
 L3 230 S E3,E23,E25,E27,E29

E MALLO R/AU
 L4 4 S E3,E4,E6
 E LU L/AU
 L5 345 S E3-E24
 E LU LING/AU
 L6 192 S E3-E30
 E 3M/PA,CS
 L7 3018 S E3,E4
 L8 126 S (3 M)/PA,CS
 L9 4150 S (MINN?(L)MIN?(L)MFG?)/PA,CS
 L10 2981 S (MINN?(L)MIN?(L)MANUF?)/PA,CS
 L11 11006 S L1-L10
 L12 723 S L11 AND ?EMULS?
 E EMULSION/CT
 E E35+ALL
 L13 35532 S E3+NT
 E E24+ALL
 L14 2442 S E7+NT
 E E9+ALL
 L15 15849 S E4+NT
 L16 213 S L13-L15 AND L11
 L17 723 S L12,L16
 L18 6 S L17 AND (PEG OR PPG)
 L19 22 S L17 AND (?ETHYLENEOXIDE? OR ?ETHYLENEGLYCOL? OR ?OXYETHYLENE?
 L20 58 S L17 AND (?ETHYLENE OXIDE? OR ?ETHYLENE GLYCOL? OR POLYOXY ETH
 L21 75 S L18-L20
 L22 5 S L21 AND COSMETIC#/SC,SX,CW,BI
 L23 162 S L17 AND ?VINYL?
 L24 431 S L7 AND ?ACRYL?
 L25 16 S L23,L24 AND L21
 L26 7 S L25 AND ?ISOOCTYL?
 L27 0 S L25 AND ?STEARYL?
 L28 1 S L25 AND ?STEAR?
 L29 8 S L25 NOT L26,L28
 SEL RN L26

FILE 'REGISTRY' ENTERED AT 07:42:48 ON 24 APR 2002

L30 80 S E1-E80
 L31 23 S L30 AND C2H4O
 L32 3 S L30 AND C3H6O
 L33 25 S L31,L32
 L34 STR
 L35 79010 S C2H4O
 L36 45804 S C3H6O
 L37 108520 S L35,L36
 L38 50 S L34 SAM SUB=L37
 L39 29523 S L34 FUL SUB=L37
 L40 STR L34
 L41 50 S L40 CSS SAM SUB=L39
 L42 18618 S L40 CSS FUL SUB=L39
 L43 14893 S L35 AND L42
 L44 14630 S L39 NOT L43
 L45 14 S L30 AND L39
 L46 1 S 187284-17-9
 L47 1 S 188308-96-5
 E (C2H4O)NC4H6O2/MF
 L48 5 S E3
 L49 2 S L48 AND PROPENYL
 L50 1 S 25736-86-1
 L51 1 S 29590-42-9
 L52 1 S 26403-58-7
 E C11H20O2/MF
 L53 3927 S E3

L54 35 S L53 AND 2 PROPENOIC AND ESTER
 E STEARYL METHACRYLATE/CN
 L55 1 S E2
 L56 1 S 32360-05-7
 L57 954 S 29590-42-9/CRN
 L58 3571 S 32360-05-7/CRN
 L59 1372 S 25736-86-1/CRN
 L60 404 S 26403-58-7/CRN
 L61 8 S L57 AND L58
 L62 35 S L57 AND L59, L60
 L63 24 S L58 AND L59, L60
 L64 0 S L61 AND L62, L63
 L65 0 S L62 AND L63
 L66 1 S L61 AND 2/NC
 L67 59 S L62, L63
 L68 3 S L57 AND HOMOPOLYMER
 L69 1 S L68 AND 1/NC
 L70 14 S L58 AND HOMOPOLYMER
 L71 2 S L70 AND 1/NC
 L72 9 S L59, L60 AND HOMOPOLYMER
 L73 2 S L72 AND 1/NC
 L74 1 S 25322-68-3
 L75 1 S 25322-69-4
 L76 5 S 181946-91-8 OR 126925-06-2 OR 125227-17-0 OR 106392-12-5 OR 9
 L77 11 S L45 AND L57
 L78 0 S L45 AND L58
 L79 0 S L45 AND L59
 L80 8 S L45 AND L60
 L81 12 S L77, L80
 L82 2 S L45 NOT L81
 L83 1 S L82 NOT C6/ES
 L84 13 S L81, L83

FILE 'HCAPLUS' ENTERED AT 08:45:14 ON 24 APR 2002

L85 26 S L84
 L86 2 S L66
 L87 462 S L51 OR L69 OR L71
 L88 732 S ?ISOCTYL ACRYL?
 L89 20 S ?ISOCTYLACRYL?
 L90 1069 S L87-L89
 L91 685 S L56 OR L71
 L92 1352 S ?STEARYL METHACRYL? OR ?STEARYL METH ACRYL? OR ?STEARYLMETHAC
 L93 1715 S L91, L92
 L94 590 S L50 OR L52 OR L73
 L95 15 S ?ETHYLENEGLYCOL MONOACRYL? OR ?ETHYLENEOXIDE MONOACRYL? OR ?O
 L96 370 S ?ETHYLENEGLYCOL ACRYL? OR ?ETHYLENEOXIDE ACRYL? OR ?OXYETHYLE
 L97 44 S ?ETHYLENEGLYCOL MONOMETHYACRYL? OR ?ETHYLENEOXIDE MONOMETHACR
 L98 431 S ?ETHYLENEGLYCOL METHYACRYL? OR ?ETHYLENEOXIDE METHACRYL? OR ?
 L99 122 S ?ETHYLENE GLYCOL METHYACRYL? OR ?ETHYLENE OXIDE METHACRYL?
 L100 15 S ?ETHYLENE GLYCOL MONOMETHYACRYL? OR ?ETHYLENE OXIDE MONOMETHA
 L101 955 S ?ETHYLENE GLYCOL ACRYL? OR ?ETHYLENE OXIDE ACRYL?
 L102 309 S ?ETHYLENE GLYCOL MONOACRYL? OR ?ETHYLENE OXIDE MONOACRYL?
 L103 357 S (POLYETHYLENEGLYCOL OR POLYETHYLENEOXIDE OR POLYOXYETHYLENE) (
 L104 1026 S POLYETHYLENE() (GLYCOL OR OXIDE) () (METHACRL? OR MONOMETHACRYL?
 L105 139 S POLY()ETHYLENE() (GLYCOL OR OXIDE) () (METHACRL? OR MONOMETHACRY
 L106 3 S POLY() (ETHYLENEGLYCOL OR ETHYLENEOXIDE) () (METHACRL? OR MONOME
 L107 35 S BLEMMER PE 200
 L108 1 S BLEMMER PE200
 L109 2808 S L94-L108
 L110 326 S L90 AND L93
 L111 2 S L110 AND L109
 L112 11 S L110 AND L74, L75, L76
 L113 40 S L85, L86, L111, L112

L114 7 S L113 AND ?EMULS?
 L115 1 S L113 AND L13-L15
 L116 7 S L114, L115
 L117 528 S L11 AND L85, L86, L90, L93, L109
 L118 6 S L117 AND L13-L15
 L119 50 S L117 AND ?EMULS?
 L120 45 S L113, L116, L118
 L121 12 S L119 AND L120
 L122 38 S L119 NOT L120, L121
 L123 4 S L122 AND L74, L75, L76
 L124 49 S L120, L121, L123
 L125 16 S L124 AND ?EMULS?
 L126 16 S L125 AND L1-L29, L85-L125
 L127 2 S L126 AND (RADIATION/SC OR WOOD)
 L128 14 S L126 NOT L127
 L129 33 S L124 NOT L125-L128
 L130 24 S L129 NOT (63 OR 38)/SC
 L131 7 S L130 AND (37 OR 35 OR 5)/SC
 SEL DN 3 6
 L132 2 S E1-E2
 L133 16 S L128, L132
 L134 9 S L129 NOT L130
 L135 25 S L133, L134 AND L1-L29, L85-L134
 L136 25 S L135 AND (?ACRYL? OR ?OXYALKYLENE? OR ?ETHYLENEOXIDE? OR ?ETH
 SEL HIT RN

FILE 'REGISTRY' ENTERED AT 09:10:27 ON 24 APR 2002
 L137 22 S E3-E24
 L138 29509 S L39 NOT L137

FILE 'HCAPLUS' ENTERED AT 09:12:20 ON 24 APR 2002
 L139 13 S L138 AND L136
 SEL HIT RN

FILE 'REGISTRY' ENTERED AT 09:12:49 ON 24 APR 2002
 L140 54 S E25-E93 NOT L137

FILE 'HCA, HCAPLUS' ENTERED AT 09:13:52 ON 24 APR 2002

FILE 'HCAPLUS' ENTERED AT 09:14:12 ON 24 APR 2002
 L141 25 S L136, L139

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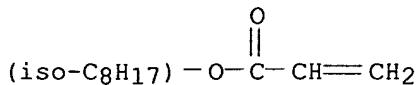
L141 ANSWER 1 OF 25 HCAPLUS COPYRIGHT 2002 ACS
 AN 2002:90137 HCAPLUS
 DN 136:135925
 TI Foams containing functionalized metal oxide nanoparticles and methods of making same
 IN Thunhorst, Kristin L.; Hanggi, Douglas A.
 PA 3M Innovative Properties Company, USA
 SO PCT Int. Appl., 45 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002008321	A1	20020131	WO 2000-US31400	20001115
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	US 6353037	B1	20020305	US 2000-614574	20000712
	US 2002022672	A1	20020221	US 2001-911230	20010723
PRAI	US 2000-614574	A	20000712		
AB	The invention discloses methods for making foams comprising functionalized metal oxide (e.g., silica) nanoparticles by photopolymerg. or thermally polymg. emulsions comprising a reactive phase and a phase immiscible (e.g., water) with the reactive phase components. The resulting foams might be closed or open cell, depending on the initial emulsion microstructure. Foams made from water-in-oil emulsions, including high internal phase emulsion are also disclosed. Articles and uses for the foams are also described. Thus, in an example, Nalco 2327 (colloidal silica) nonopaprticles functionalized with A-174 (methacrylic silane), with BS 1316 (isoctyltrimethoxysilane) and with hexamethyldisilazane were prep., treated with equal amt. of isoctyl acrylate through stirring and sonicating until a clear soln. could be reached, combined with Irgacure 907 (photoinitiator) and mixed with water to give an emulsion which was polymerizable by UV light.				
IT	9036-63-9P, Isooctyl acrylate polymer				
	RL: IMF (Industrial manufacture); PRP (Properties); PREP (Preparation) (foams contg. functionalized metal oxide nanoparticles and methods of making same)				
RN	9036-63-9 HCAPLUS				
CN	2-Propenoic acid, isoctyl ester, homopolymer (9CI) (CA INDEX NAME)				

CM 1

CRN 29590-42-9

CMF C11 H20 O2
 CCI IDS
 CDES 8:ID, ISO



RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

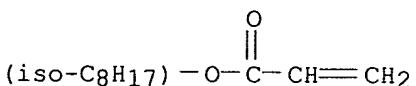
L141 ANSWER 2 OF 25 HCAPLUS COPYRIGHT 2002 ACS
 AN 2001:693027 HCAPLUS
 DN 135:262325
 TI Medical dressings with multiple adhesives and methods of manufacturing
 IN Blatchford, Todd A.; Heinecke, Steven B.; Lucast, Donald H.; Peterson, Donald G.
 PA 3M Innovative Properties Company, USA
 SO PCT Int. Appl., 28 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001068021	A1	20010920	WO 2000-US26090	20000925
	W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	US 2001051178	A1	20011213	US 2001-840405	20010423
PRAI	US 2000-524139	A	20000310		
AB	Medical dressings are disclosed that include multiple exposed pressure sensitive adhesives. One of the pressure sensitive adhesives includes a bioactive agent and is substantially contact transparent. In some embodiments, all of the adhesives are substantially contact transparent. Also provided are methods of manufg. the medical dressings. By providing multiple exposed pressure sensitive adhesives, the pressure sensitive adhesive formulations can be varied to provide desired properties in different areas of the dressing. A pressure sensitive adhesive that exhibits relatively high tack to skin may be provided around the periphery of the dressing while a pressure sensitive adhesive incorporating a bioactive agent is provided in the center of the dressing. A antimicrobial microsphere adhesive was prep'd. by mixing: isoctyl acrylate , N-vinylpyrrolidone, PEG acrylate, PVP, glycerol, and 20% soln. of chlorhexidine gluconate.				
IT	162735-65-1 RL: DEV (Device component use); FMU (Formation, unclassified); PEP (Physical, engineering or chemical process); POF (Polymer in formulation); THU (Therapeutic use); BIOL (Biological study); FORM (Formation, nonpreparative); PROC (Process); USES (Uses) (medical dressings with multiple adhesives)				
RN	162735-65-1 HCAPLUS				
CN	2-Propenoic acid, isoctyl ester, polymer with 1-ethenyl-2-pyrrolidinone and .alpha.- (1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl)				

(9CI) (CA INDEX NAME)

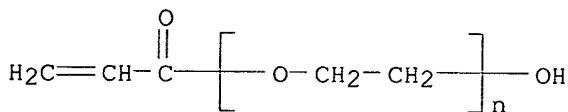
CM 1

CRN 29590-42-9
 CMF C11 H20 O2
 CCI IDS
 CDES 8:ID, ISO



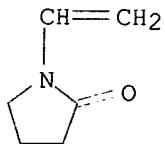
CM 2

CRN 26403-58-7
 CMF (C₂ H₄ O)_n C₃ H₄ O₂
 CCI PMS



CM 3

CRN 88-12-0
 CMF C₆ H₉ N O



RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L141 ANSWER 3 OF 25 HCAPLUS COPYRIGHT 2002 ACS
 AN 2000:688042 HCAPLUS

DN 133:271391

TI Non-stinging coating composition containing polysiloxanes

IN Dunshee, Wayne K.; Eian, Gilbert L.

PA 3m Innovative Properties Company, USA

SO PCT Int. Appl., 35 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000056280	A1	20000928	WO 2000-US7752	20000323
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KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

EP 1162943 A1 20011219 EP 2000-916630 20000323

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO

PRAI US 1999-126154P P 19990325
 WO 2000-US7752 W 20000323

AB Compns. comprising 1-40 % siloxane contg. polymer; 60-99 % of an Alkane-Based Siloxy Polymer Reaction Solvent, and 0-15 % of adjuvants are useful for application to the skin or as components in cosmetic or topical a polymer was prepnd. from 3-methacryloyloxypropyltris (trimethylsiloxy)silane, Me methacrylate and isoctyl acrylate and a compn. was prepnd. contg. this polymer, tea tree oil, polymethylphenylsiloxane, Aloe Lipe, Vitamin E 4-80, and triclosan.

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L141 ANSWER 4 OF 25 HCPLUS COPYRIGHT 2002 ACS

AN 2000:68506 HCPLUS

DN 132:123660

TI Electron beam-polymerized emulsion-based acrylate pressure sensitive adhesives

IN Tran, Thu-Van T.; Weiss, Douglas E.

PA Minnesota Mining and Manufacturing Company, USA

SO PCT Int. Appl., 84 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000004079	A1	20000127	WO 1999-US1811	19990128
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	US 6103316	A	20000815	US 1998-118590	19980717
	AU 9924782	A1	20000207	AU 1999-24782	19990128
	EP 1112306	A1	20010704	EP 1999-904373	19990128

R: DE, FR, GB, IT

PRAI US 1998-118590 A 19980717
 WO 1999-US1811 W 19990128

AB A one-step process using electron beam radiation to polymerize pressure sensitive adhesives on web from acrylate emulsions is disclosed. The radiation may be supplied in a single or multiple dose. Products using such pressure sensitive adhesives are also disclosed. This method provides pressure-sensitive adhesive sheets and tapes in the absence of free-radical initiators and at most any temp. where water is liq., with good control of the polymn. Thus, an emulsion contg. isoctyl acrylate 96, acrylic acid 4, Siponic

Y-500-70 1, and water 43 parts was coated at 50-75-.mu.m thick on a primed PET substrate, and the coated substrate was passed twice through a chamber where it was irradiated with an accelerated electron source to cause polymn.

IT 50974-48-6P, Acrylic acid-polyethylene

glycol nonylphenyl ether acrylate copolymer
 96529-25-8P 160283-63-6P 256425-79-3P

RL: IMF (Industrial manufacture); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (electron beam-polymd. emulsion-based acrylate
 pressure sensitive adhesives)

RN 50974-48-6 HCAPLUS

CN 2-Propenoic acid, polymer with .alpha.- (1-oxo-2-propenyl) - .omega. - (nonylphenoxy) poly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

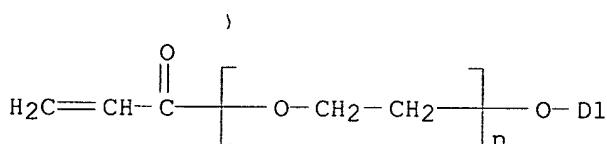
CM 1

CRN 50974-47-5

CMF (C₂ H₄ O)_n C₁₈ H₂₆ O₂

CCI IDS, PMS

CDES 8:ID

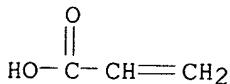


D1 - (CH₂)₈ - Me

CM 2

CRN 79-10-7

CMF C₃ H₄ O₂



RN 96529-25-8 HCAPLUS

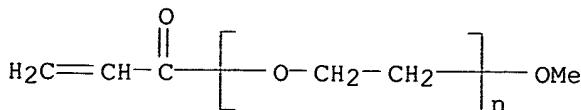
CN 2-Propenoic acid, isoctyl ester, polymer with 1-ethenyl-2-pyrrolidinone and .alpha.- (1-oxo-2-propenyl) - .omega. - methoxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

CM 1

CRN 32171-39-4

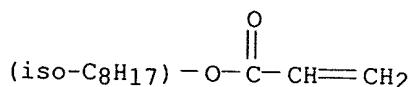
CMF (C₂ H₄ O)_n C₄ H₆ O₂

CCI PMS



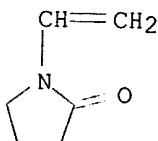
CM 2

CRN 29590-42-9
 CMF C11 H20 O2
 CCI IDS
 CDES 8:ID, ISO



CM 3

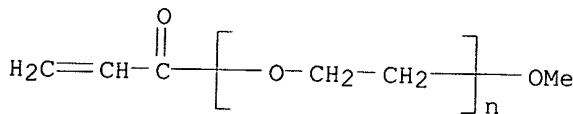
CRN 88-12-0
 CMF C6 H9 N O



RN 160283-63-6 HCAPLUS
 CN 2-Propenoic acid, isoctyl ester, polymer with .alpha.- (1-oxo-2-propenyl)-.omega.-methoxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

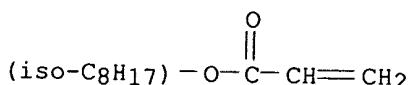
CM 1

CRN 32171-39-4
 CMF (C2 H4 O)n C4 H6 O2
 CCI PMS



CM 2

CRN 29590-42-9
 CMF C11 H20 O2
 CCI IDS
 CDES 8:ID, ISO



RN 256425-79-3 HCAPLUS
 CN 2-Propenoic acid, polymer with Chemlink 4500, .alpha.-hydro-.omega.-hydroxypoly(oxy-1,2-ethanediyl) 2-propenoate and isoctyl 2-propenoate

(9CI) (CA INDEX NAME)

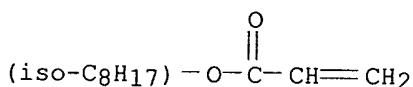
CM 1

CRN 112993-07-4
CMF Unspecified
CCI PMS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

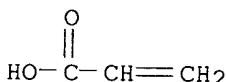
CM 2

CRN 29590-42-9
CMF C11 H20 O2
CCI IDS
CDES 8; ID, ISO



CM 3

CRN 79-10-7
CMF C3 H4 Q2

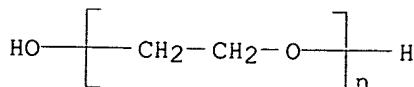


CM 4

CRN 60182-11-8
CMF C3 H4 O2 . x (C2 H4 O)n H2 O
CDES 8:GD, ESTER

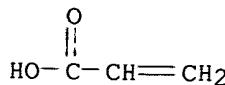
CM 5

CRN 25322-68-3
CMF (C₂ H₄ O)_n H₂ O
CCI PMS



CM 6

CRN 79-10-7
CMF C3 H4 Q2



RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L141 ANSWER 5 OF 25 HCAPLUS COPYRIGHT 2002 ACS

AN 1999:722834 HCAPLUS

DN 131:318955

TI Elastomeric microspheres as pesticide delivery vehicles

IN Banovetz, John P.; Nielsen, Kent E.; Li, Kai

PA Minnesota Mining and Manufacturing Co., USA

SO PCT Int. Appl., 30 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI WO 9956541	A1	19991111	WO 1999-US6064	19990319
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2330852	AA	19991111	CA 1999-2330852	19990319
AU 9930117	A1	19991123	AU 1999-30117	19990319
BR 9910181	A	20010109	BR 1999-10181	19990319
EP 1075182	A1	20010214	EP 1999-911481	19990319
R: DE, FR, GB, IT				

PRAI US 1998-71567 A 19980501
WO 1999-US6064 W 19990319

AB Releasably-loaded elastomeric microspheres are given, comprising a plurality of elastomeric microspheres loaded with pesticide(s) within the optical boundaries of the elastomeric microspheres. Post-polymn. addn. and in-situ polymn. processes for prep. the releasably loaded elastomeric microspheres are provided.

IT 9036-63-9, Poly(isooctyl acrylate)

187284-17-9 249298-20-2

RL: MOA (Modifier or additive use); USES (Uses)

(elastomeric microspheres as pesticide delivery vehicles)

RN 9036-63-9 HCAPLUS

CN 2-Propenoic acid, isooctyl ester, homopolymer (9CI) (CA INDEX NAME)

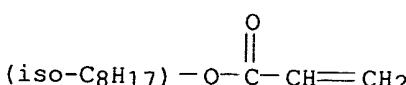
CM 1

CRN 29590-42-9

CMF C11 H20 O2

CCI IDS

CDES 8:ID, ISO



RN 187284-17-9 HCAPLUS

CN 2-Propenoic acid, polymer with .alpha.-hydro-.omega.-hydroxypoly(oxy-1,2-ethanediyl) 2-propenoate and isooctyl 2-propenoate (9CI) (CA INDEX NAME)

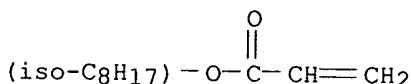
CM 1

CRN 29590-42-9

CMF C11 H20 O2

CCI IDS

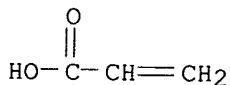
CDES 8:ID, ISO



CM 2

CRN 79-10-7

CMF C3 H4 O2



CM 3

CRN 60182-11-8

CMF C3 H4 O2 . x (C2 H4 O)n H2 O

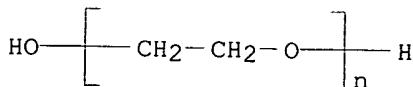
CDES 8:GD, ESTER

CM 4

CRN 25322-68-3

CMF (C2 H4 O)n H2 O

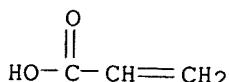
CCI PMS



CM 5

CRN 79-10-7

CMF C3 H4 O2



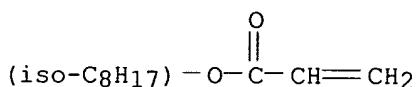
RN 249298-20-2 HCAPLUS

CN 2-Propenoic acid, polymer with 1,4-butanediyl di-2-propenoate, .alpha.-hydro-.omega.-hydroxypoly(oxy-1,2-ethanediyl) 2-propenoate and

isooctyl 2-propenoate (9CI) (CA INDEX NAME)

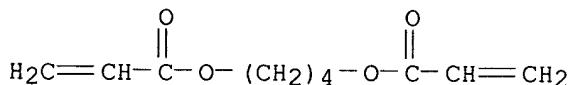
CM 1

CRN 29590-42-9
 CMF C11 H20 O2
 CCI IDS
 CDES 8:ID, ISO



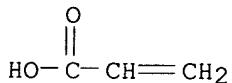
CM 2

CRN 1070-70-8
 CMF C10 H14 O4



CM 3

CRN 79-10-7
 CMF C3 H4 O2

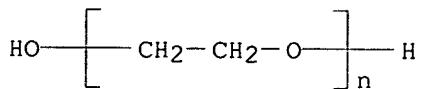


CM 4

CRN 60182-11-8
 CMF C₃ H₄ O₂ . x (C₂ H₄ O)_n H₂ O
 CDES 8:GD, ESTER

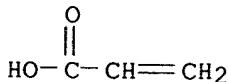
CM 5

CRN 25322-68-3
 CMF (C₂ H₄ O)_n H₂ O
 CCI PMS



CM 6

CRN 79-10-7
 CMF C₃ H₄ O₂



RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L141 ANSWER 6 OF 25 HCAPLUS COPYRIGHT 2002 ACS

AN 1999:388248 HCAPLUS

DN 131:32723

TI Optically clear antistatic pressure-sensitive adhesive film or tape and its manufacture

IN Kellen, James N.; Gutman, Gustav

PA Minnesota Mining and Manufacturing Company, USA

SO PCT Int. Appl., 25 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9929795	A1	19990617	WO 1998-US6762	19980403
	W: JP, KR				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				

PRAI US 1997-985850 19971205

AB An antistatic, removable pressure-sensitive adhesive film comprises a transparent flexible polymeric film support bearing a non-tribocharging, microparticulate blend adhesive formed from a blend of (a) conductive, polymeric, inherently tacky, solvent-insol., solvent-dispersible, microparticles, the microparticles having a surface with an ionic conductive material formed from a polymer electrolyte base polymer, and .gtoreq.1 ionic salt selected from alkali metals and salts of alk. earth metals, where the microparticles have an av. diam. .gtoreq.1 .mu.m, and (b) a nonparticulate acrylic copolymer. The adhesive has an adhesion to steel 0.1-5 N/100 mm and an optical transmission .gtoreq.80%. Thus, a microsphere formulation of acrylic acid-isoctyl acrylate-polyethylene glycol methacrylate copolymer dispersion, Rhoplex AC 630 emulsion , NH4OH, LiNO3, and thickener in aq. media was coated onto polyester film, and dried at 104.degree. to give an adhesive tape having adhesion to steel 1.08 N/100 mm and transparency 82.5%.

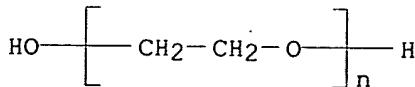
IT 25322-68-3 25322-69-4

RL: MOA (Modifier or additive use); USES (Uses)

(conductive agent; in optically clear antistatic pressure-sensitive adhesive film or tape with resistance to static charge, low adhesion and water resistance for glass or plastic screens)

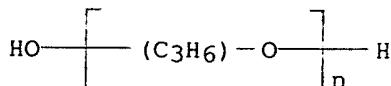
RN 25322-68-3 HCAPLUS

CN Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy- (9CI) (CA INDEX NAME)



RN 25322-69-4 HCAPLUS

CN Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-hydro-.omega.-hydroxy- (9CI) (CA INDEX NAME)



IT 96613-21-7P, Acrylic acid-isoctyl acrylate-methoxy polyethylene glycol methacrylate copolymer 226943-04-0P, Acrylic acid-ethyl acrylate-isoctyl acrylate -methoxy polyethylene glycol methacrylate copolymer
 RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (in optically clear antistatic pressure-sensitive adhesive film or tape with resistance to static charge, low adhesion and water resistance for glass or plastic screens)

RN 96613-21-7 HCPLUS

CN 2-Propenoic acid, polymer with isoctyl 2-propenoate and .alpha.- (2-methyl-1-oxo-2-propenyl)-.omega.-methoxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

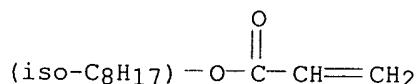
CM 1

CRN 29590-42-9

CMF C11 H20 O2

CCI IDS

CDES 8:ID, ISO

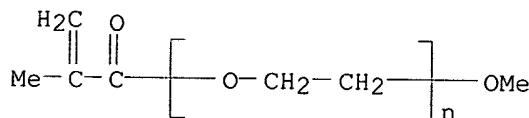


CM 2

CRN 26915-72-0

CMF (C₂ H₄ O)_n C₅ H₈ O₂

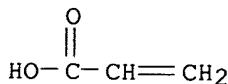
CCI PMS



CM 3

CRN 79-10-7

CMF C₃ H₄ O₂



RN 226943-04-0 HCPLUS

CN 2-Propenoic acid, polymer with ethyl 2-propenoate, isoctyl 2-propenoate and .alpha.-(2-methyl-1-oxo-2-propenyl)-.omega.-methoxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

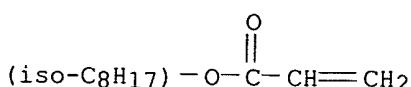
CM 1

CRN 29590-42-9

CMF C11 H20 O2

CCI IDS

CDES 8:ID, ISO

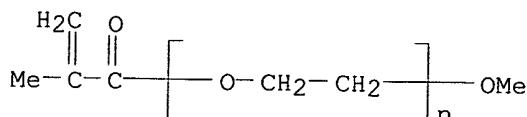


CM 2

CRN 26915-72-0

CMF (C2 H4 O)n C5 H8 O2

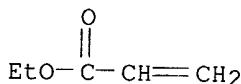
CCI PMS



CM 3

CRN 140-88-5

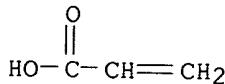
CMF C5 H8 O2



CM 4

CRN 79-10-7

CMF C3 H4 O2



RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L141 ANSWER 7 OF 25 HCAPLUS COPYRIGHT 2002 ACS

AN 1998:745141 HCAPLUS

DN 130:4644

TI Adhesive compositions containing microspheres that are removable after thermosetting

IN Waid, Robert D.
 PA Minnesota Mining and Manufacturing Co., USA
 SO PCT Int. Appl., 55 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9850480	A1	19981112	WO 1997-US7505	19970505
	W: AU, CA, JP, KR, US RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9730584	A1	19981127	AU 1997-30584	19970505
	EP 980409	A1	20000223	EP 1997-925450	19970505
	R: DE, FR, GB				
	JP 2001523295	T2	20011120	JP 1998-547994	19970505
	US 6288170	B1	20010911	US 1999-402336	19991006
	US 2002010274	A1	20020124	US 2001-915619	20010727
PRAI	WO 1997-US7505	A	19970505		
	US 1999-402336	A3	19991006		
AB	Thermosettable adhesive compns. include a polyepoxide resin, a curing agent, and a plurality of microspheres. The microspheres, polyepoxide resin, and curing agent and the relative amts. thereof, are selected such that upon cure the compn. is capable of forming a semi-structural bond to a substrate and is cleanly thermally removable from the substrate. The microspheres are typically acrylic polymers such as acrylic acid-isoctyl acrylate-polyethylene glycol monoacrylate copolymer.				
IT	172682-52-9, Acrylic acid-isoctyl acrylate-polyethylene oxide monoacrylate graft copolymer RL: POF (Polymer in formulation); TEM (Technical or engineered material use); USES (Uses) (microspheres; adhesive compns. contg. microspheres that are removable after thermosetting)				
RN	172682-52-9 HCPLUS				
CN	2-Propenoic acid, polymer with isoctyl 2-propenoate and .alpha.-(1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl), graft (9CI) (CA INDEX NAME)				

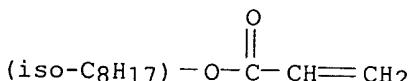
CM 1

CRN 29590-42-9

CMF C11 H20 O2

CCI IDS

CDES 8:ID,ISO

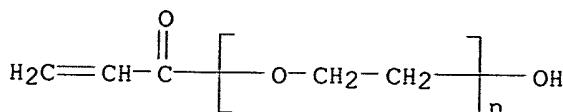


CM 2

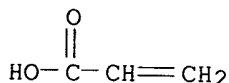
CRN 26403-58-7

CMF (C2 H4 O)n C3 H4 O2

CCI PMS



CM 3

CRN 79-10-7
CMF C3 H4 O2RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L141 ANSWER 8 OF 25 HCAPLUS COPYRIGHT 2002 ACS
 AN 1998:360544 HCAPLUS
 DN 129:96332
 TI Preparation of liquid hardening resin for use in immobilization of biocatalysts
 IN Uchida, Hiromi; Higo, Yukiyo
 PA Toyo Ink Mfg. Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 11 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 10150981	A2	19980609	JP 1996-313291	19961125

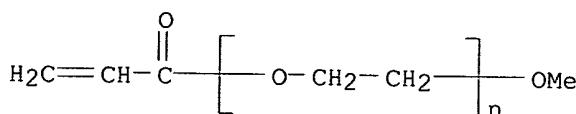
AB Described is the prepn. of a biocatalyst-contg. liq. resin that can be hardened by, e.g., radiation and that is suitable for the immobilization of biocatalysts to be used in bioreactors, biosensors, etc. The resin is prepd. by mixing (meth)acrylate liq. resin 100 wt. parts, monomeric (meth)acrylate (<1kDa; viscosity 0.01-60 P at 50.degree.) 1-1000 wt. parts, and a biocatalyst such as an enzyme, microorganism, or cell. The liq. resin is a solvent-free copolymer of alkylene glycol (meth)acrylate monomer ($\text{CH}_2=\text{C}(\text{R}1)\text{COO}(\text{C}_n\text{H}_{2n}\text{O})_m\text{R}2$; where R1 = H, Me; R2 = C1-5 alkyl, phenyl; n = 1-3 integral; m = 3-25 integral) 20-100 wt.% and other monomers 80-0 wt.%, which copolymer exhibits a mol. wt. 10,000-20,000 and viscosity 1-10,000 P (50.degree.). Thus, methoxypolyethylene glycol acrylate homopolymer (liq.; mol. wt. 22,100; 132 P), polyethyleneglycol diacrylate (mol. wt. 508; viscosity 0.36 P), and glucoamylase of Rhizopus were mixed to obtain an enzyme-contg. liq. hardening resin. The liq. resin was used for coating the PET film and, after radiation-hardening, the prepn. of a bioreactor where the immobilized glucoamylase remained active after a 3-wk continuous operation.

IT 118596-75-1P
 RL: NUU (Other use, unclassified); SPN (Synthetic preparation); PREP (Preparation); USES (Uses)
 (prepn. of liq. hardening resin for use in immobilization of biocatalysts)

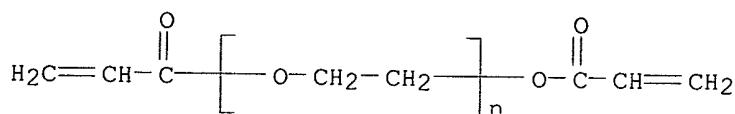
RN 118596-75-1 HCAPLUS
 CN Poly(oxy-1,2-ethanediyl), .alpha.-[(1-oxo-2-propenyl)-.omega.-methoxy-, polymer with .alpha.-[(1-oxo-2-propenyl)-.omega.-[(1-oxo-2-

propenyl)oxy]poly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

CM 1

CRN 32171-39-4
CMF (C₂ H₄ O)_n C₄ H₆ O₂
CCI PMS

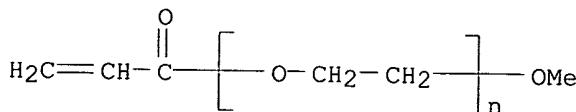
CM 2

CRN 26570-48-9
CMF (C₂ H₄ O)_n C₆ H₆ O₃
CCI PMSIT 97008-69-0P 108644-38-8P 200433-67-6P
209596-38-3P 209596-39-4PRL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
(prepn. of liq. hardening resin for use in immobilization of
biocatalysts)

RN 97008-69-0 HCPLUS

CN Poly(oxy-1,2-ethanediyl), .alpha.- (1-oxo-2-propenyl)-.omega.-methoxy-,
homopolymer (9CI) (CA INDEX NAME)

CM 1

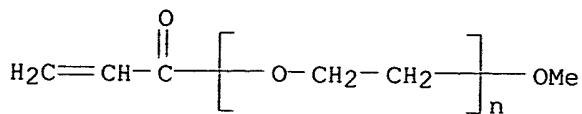
CRN 32171-39-4
CMF (C₂ H₄ O)_n C₄ H₆ O₂
CCI PMS

RN 108644-38-8 HCPLUS

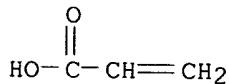
CN 2-Propenoic acid, polymer with .alpha.- (1-oxo-2-propenyl)-.omega.-
methoxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

CM 1

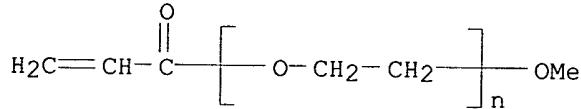
CRN 32171-39-4
CMF (C₂ H₄ O)_n C₄ H₆ O₂
CCI PMS



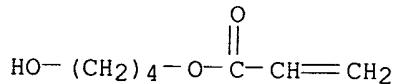
CM 2

CRN 79-10-7
CMF C3 H4 O2RN 200433-67-6 HCPLUS
CN 2-Propenoic acid, 4-hydroxybutyl ester, polymer with .alpha.- (1-oxo-2-propenyl)-.omega.-methoxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

CM 1

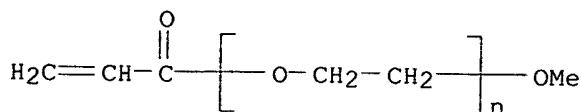
CRN 32171-39-4
CMF (C2 H4 O)n C4 H6 O2
CCI PMS

CM 2

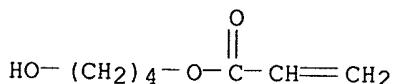
CRN 2478-10-6
CMF C7 H12 O3RN 209596-38-3 HCPLUS
CN 2-Propenoic acid, 4-hydroxybutyl ester, polymer with ethenylbenzene and .alpha.- (1-oxo-2-propenyl)-.omega.-methoxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

CM 1

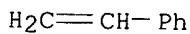
CRN 32171-39-4
CMF (C2 H4 O)n C4 H6 O2
CCI PMS



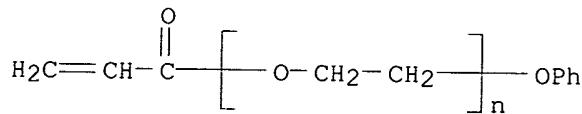
CM 2

CRN 2478-10-6
CMF C7 H12 O3

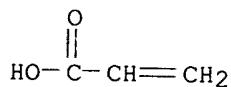
CM 3

CRN 100-42-5
CMF C8 H8RN 209596-39-4 HCPLUS
CN 2-Propenoic acid, polymer with .alpha.- (1-oxo-2-propenyl) -.omega.- phenoxy poly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

CM 1

CRN 56641-05-5
CMF (C2 H4 O)n C9 H8 O2
CCI PMS

CM 2

CRN 79-10-7
CMF C3 H4 O2

L141 ANSWER 9 OF 25 HCPLUS COPYRIGHT 2002 ACS
 AN 1998:239133 HCPLUS
 DN 128:286421
 TI Pressure-sensitive medical adhesive tapes, dressings, and skin patches

IN Lucast, Donald H.; Goetz, Richard J.
 PA Minnesota Mining and Manufacturing Company, USA
 SO PCT Int. Appl., 67 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9815298	A1	19980416	WO 1997-US14750	19970821
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9739871	A1	19980505	AU 1997-39871	19970821
	AU 728950	B2	20010118		
	EP 929321	A1	19990721	EP 1997-937340	19970821
	R: DE, FR, GB, IT, SE				
	JP 2001502002	T2	20010213	JP 1998-517496	19970821
	KR 2000048921	A	20000725	KR 1999-702952	19990406
PRAI	US 1996-726513	A	19961007		
	WO 1997-US14750	W	19970821		

AB The title articles include a substrate having a surface, at least a portion of which is provided with a pressure sensitive adhesive compn. that includes a blend of discrete, crosslinked polymer microspheres and a polymer matrix. The compn. has a substantially smooth, exposed surface available for adhesion. The adhesive compn. does not exhibit unacceptably high adhesion build-up over time when adhered to an opposing surface. Thus, microspheres of **N-vinylpyrrolidone-polyethylene glycol acrylate-isoctyl acrylate** copolymer in a matrix of **acrylic acid-polyethylene glycol acrylate-isoctyl acrylate** copolymer were coated onto a polyurethane blown microfiber backing. The coating thickness of adhesive blend was approx. 50 .mu.m. The adhesive tape exhibited initial skin adhesion 1.51 N/100 mm width, skin adhesion after 24 h 6.45 N/100 mm width, and moisture vapor permeability 666 g/m²/24 h.

IT 9036-63-9P, **Isooctyl acrylate** homopolymer
 205885-78-5P

RL: POF (Polymer in formulation); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(microspheres; pressure-sensitive adhesive microsphere-matrix blends for medical adhesive tapes, dressings and skin patches)

RN 9036-63-9 HCPLUS

CN 2-Propenoic acid, isoctyl ester, homopolymer (9CI) (CA INDEX NAME)

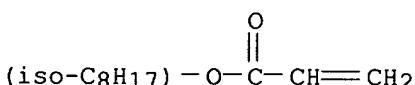
CM 1

CRN 29590-42-9

CMF C11 H20 O2

CCI IDS

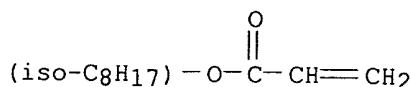
CDES 8:ID,ISO



RN 205885-78-5 HCAPLUS
 CN 2-Propenoic acid, isoctyl ester, polymer with 1-ethenyl-2-pyrrolidinone and .alpha.-hydro-.omega.-hydroxypoly(oxy-1,2-ethanediyl) 2-propenoate (9CI) (CA INDEX NAME)

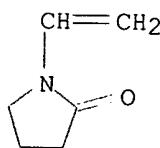
CM 1

CRN 29590-42-9
 CMF C11 H20 O2
 CCI IDS
 CDES 8:ID, ISO



CM 2

CRN 88-12-0
 CMF C6 H9 N O

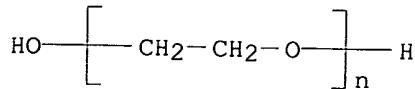


CM 3

CRN 60182-11-8
 CMF C3 H4 O2 . x (C2 H4 O)n H2 O
 CDES 8:GD, ESTER

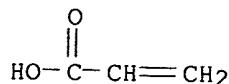
CM 4

CRN 25322-68-3
 CMF (C2 H4 O)n H2 O
 CCI PMS



CM 5

CRN 79-10-7
 CMF C3 H4 O2



IT 187284-17-9P, Acrylic acid-isooctyl acrylate-polyethylene glycol acrylate copolymer

RL: POF (Polymer in formulation); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(pressure-sensitive adhesive microsphere-matrix blends for medical adhesive tapes, dressings and skin patches)

RN 187284-17-9 HCPLUS

CN 2-Propenoic acid, polymer with .alpha.-hydro-.omega.-hydroxypoly(oxy-1,2-ethanediyl) 2-propenoate and isooctyl 2-propenoate (9CI) (CA INDEX NAME)

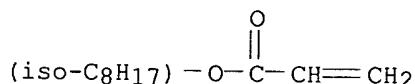
CM 1

CRN 29590-42-9

CMF C11 H20 O2

CCI IDS

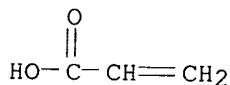
CDES 8:ID, ISO



CM 2

CRN 79-10-7

CMF C3 H4 O2



CM 3

CRN 60182-11-8

CMF C3 H4 O2 . x (C₂ H₄ O)_n H₂ O

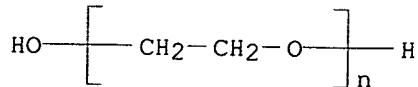
CDES 8:GD, ESTER

CM 4

CRN 25322-68-3

CMF (C₂ H₄ O)_n H₂ O

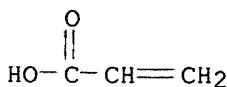
CCI PMS



CM 5

CRN 79-10-7

CMF C3 H4 O2



L141 ANSWER 10 OF 25 HCAPLUS COPYRIGHT 2002 ACS
 AN 1998:169486 HCAPLUS
 DN 128:235190
 TI Polymers for absorbent dressings
 IN Chen, Yen-Lane; Young, Chung I.; Lu, Ying-Yuh; Dietz, Timothy M.
 PA Minnesota Mining and Manufacturing Company, USA
 SO PCT Int. Appl., 21 pp.
 CODEN: PIXXD2

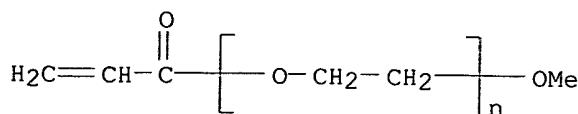
DT Patent

LA English

FAN.CNT 1

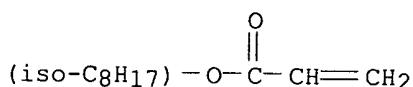
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9809666	A1	19980312	WO 1997-US13296	19970731
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	US 5733570	A	19980331	US 1996-709557	19960905
	AU 9738983	A1	19980326	AU 1997-38983	19970731
	EP 930899	A1	19990728	EP 1997-936276	19970731
	R: DE, FR, GB, IT				
PRAI	JP 2001500754	T2	20010123	JP 1998-512646	19970731
	US 1996-709557	A	19960905		
	WO 1997-US13296	W	19970731		
AB	An absorbent dressing includes a transparent, elastomeric, body fluid-absorbing compn. that is essentially free of hydrocolloidal gel particles. The compn. includes the reaction product of: (a) 20-80 parts of an acrylic or methacrylic acid ester of a non-tertiary C4-14 alc.; (b) 30-60 parts of a hydrophilic, ethylenically unsatd. monomer; and (c) 5-25 parts of a polar, ethylenically unsatd. monomer different from the hydrophilic, ethylenically unsatd. monomer. The compn. is capable of absorbing moderate to heavy amts. of body fluids, while retaining its structural integrity and transparency.				
	Acrylic acid-isooctyl acrylate-polyethylene glycol acrylate (24:20:56)				
	copolymer was prep'd. and tested for water absorbency, moisture vapor transmission rate, and skin adhesion.				
IT	96529-26-9P 187284-17-9P, Acrylic acid-isooctyl acrylate-polyethylene glycol acrylate copolymer				
	RL: IMF (Industrial manufacture); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)				
	(acrylate polymers for absorbent dressings)				
RN	96529-26-9 HCAPLUS				
CN	2-Propenoic acid, polymer with isooctyl 2-propenoate and .alpha.- (1-oxo-2-propenyl)-.omega.-methoxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)				

CRN 32171-39-4
 CMF (C₂ H₄ O)_n C₄ H₆ O₂
 CCI PMS



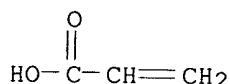
CM 2

CRN 29590-42-9
 CMF C₁₁ H₂₀ O₂
 CCI IDS
 CDES 8:ID, ISO



CM 3

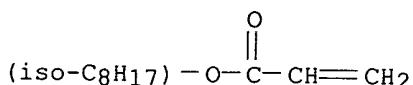
CRN 79-10-7
 CMF C₃ H₄ O₂



RN 187284-17-9 HCAPLUS
 CN 2-Propenoic acid, polymer with .alpha.-hydro-.omega.-hydroxypoly(oxy-1,2-ethanediyl) 2-propenoate and isoctyl 2-propenoate (9CI) (CA INDEX NAME)

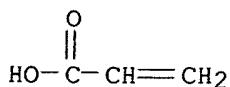
CM 1

CRN 29590-42-9
 CMF C₁₁ H₂₀ O₂
 CCI IDS
 CDES 8:ID, ISO



CM 2

CRN 79-10-7
 CMF C₃ H₄ O₂

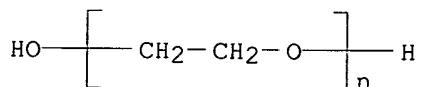


CM 3

CRN 60182-11-8
 CMF C3 H4 O2 . x (C2 H4 O)n H2 O
 CDES 8:GD, ESTER

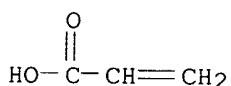
CM 4

CRN 25322-68-3
 CMF (C2 H4 O)n H2 O
 CCI PMS



CM 5

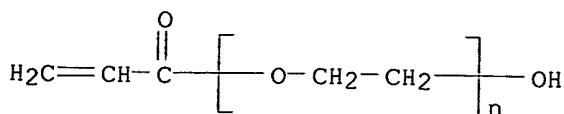
CRN 79-10-7
 CMF C3 H4 O2



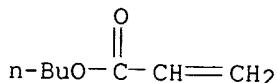
L141 ANSWER 11 OF 25 HCAPLUS COPYRIGHT 2002 ACS
 AN 1997:636201 HCAPLUS
 DN 127:263897
 TI Polymerized microemulsion pressure sensitive adhesive
 compositions, their preparation, and use
 IN Dietz, Timothy M.; Lu, Ying-Yuh; Uy, Rosa; Young, Chung I.
 PA Minnesota Mining and Mfg. Co., USA
 SO U.S., 31 pp. Cont.-in-part of U.S. Ser. No. 188,269, abandoned.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5670557	A	19970923	US 1995-507006	19950725
	CA 2179907	AA	19950803	CA 1995-2179907	19950106
	CN 1139946	A	19970108	CN 1995-191349	19950106
	US 5674561	A	19971007	US 1995-567814	19951206
	WO 9705171	A1	19970213	WO 1996-US10532	19960617
	W:	AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG			
	RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN			

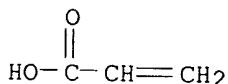
AU 9662837	A1	19970226	AU 1996-62837	19960617
EP 840753	A1	19980513	EP 1996-921683	19960617
R: DE, FR, GB, IT				
CN 1191546	A	19980826	CN 1996-195787	19960617
JP 11510530	T2	19990914	JP 1996-507585	19960617
US 5952398	A	19990914	US 1997-935386	19970923
PRAI US 1994-188269		19940128		
US 1995-507006		19950725		
WO 1996-US10532		19960617		
AB The title compn. has peel adhesion .gt;req.3 N/ 100 mm as measured according to a PSTC-1 Test. The title compn. preferably has a bicontinuous structure of a continuous phase of a hydrophobic pressure sensitive adhesive polymer and a continuous phase of a hydrophilic polymer and the bulk properties of both polymers are retained in the bicontinuous structure. The title compn. is prep'd. from a microemulsion comprising a free-radically ethylenically unsatd. polar amphiphilic or hydrophilic monomer or oligomer in the aq. phase, a free-radically ethylenically unsatd. hydrophobic monomer, having a glass transition temp. suitable for forming a pressure sensitive adhesive, in the oil phase, H ₂ O, and surfactant. The pressure sensitive adhesive compn. is used for biomedical electrodes, medical skin coverings, and pharmaceutical delivery devices, and Zn/adhesive tapes used for cathodic protection of rebars embedded in concrete. Photopolymn. of a microemulsion contg. water, surfactants, acrylic acid, isooctyl acrylate , and polyethylene glycol acrylate on a substrate gave the adhesive, showing PSTC-1 180.degree. peel wet adhesion strength 40.1 N/ 100 mm, and dry adhesion 29.0 N/ 100 mm.				
IT 106858-20-2P, Acrylic acid-butyl acrylate - polyethylene glycol acrylate copolymer 162735-65-1P, Isooctyl acrylate - polyethylene glycol acrylate;N- vinylpyrrolidone copolymer 162735-67-3P, Methacrylic acid-isooctyl acrylate- polyethylene glycol acrylate copolymer 187284-17-9P, Acrylic acid-isooctyl acrylate-polyethylene glycol acrylate copolymer 188308-96-5P, Acrylamide-isooctyl acrylate-polyethylene glycol acrylate copolymer 196089-59-5P, Acrylic acid-isobutyl acrylate-isooctyl acrylate- polyethylene glycol acrylate copolymer 196089-60-8P, N,N-Dimethylacrylamide-isooctyl acrylate-polyethylene glycol acrylate copolymer RL: IMF (Industrial manufacture); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses) (polymd. microemulsion pressure sensitive adhesive compns. with good peel adhesion)				
RN 106858-20-2	HCAPLUS			
CN 2-Propenoic acid, polymer with butyl 2-propenoate and .alpha.- (1-oxo-2- propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)				
CM 1				
CRN 26403-58-7				
CMF (C ₂ H ₄ O) _n C ₃ H ₄ O ₂				
CCI PMS				



CM 2

CRN 141-32-2
CMF C7 H12 O2

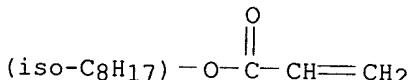
CM 3

CRN 79-10-7
CMF C3 H4 O2

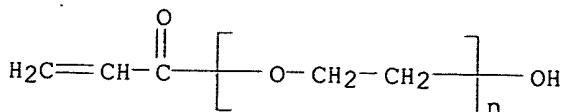
RN 162735-65-1 HCAPLUS

CN 2-Propenoic acid, isoctyl ester, polymer with 1-ethenyl-2-pyrrolidinone and .alpha.- (1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

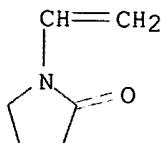
CM 1

CRN 29590-42-9
CMF C11 H20 O2
CCI IDS
CDES 8:ID, ISO

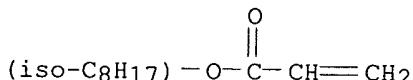
CM 2

CRN 26403-58-7
CMF (C₂ H₄ O)_n C₃ H₄ O₂
CCI PMS

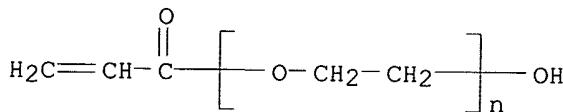
CM 3

CRN 88-12-0
CMF C6 H9 N ORN 162735-67-3 HCAPLUS
CN 2-Propenoic acid, 2-methyl-, polymer with isooctyl 2-propenoate and
.alpha.- (1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) (9CI)
(CA INDEX NAME)

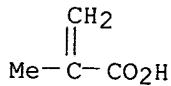
CM 1

CRN 29590-42-9
CMF C11 H20 O2
CCI IDS
CDES 8:ID, ISO

CM 2

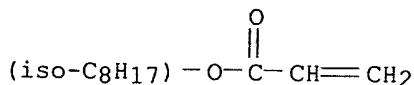
CRN 26403-58-7
CMF (C2 H4 O)n C3 H4 O2
CCI PMS

CM 3

CRN 79-41-4
CMF C4 H6 O2RN 187284-17-9 HCAPLUS
CN 2-Propenoic acid, polymer with .alpha.-hydro-.omega.-hydroxypoly(oxy-1,2-ethanediyl) 2-propenoate and isooctyl 2-propenoate (9CI) (CA INDEX NAME)

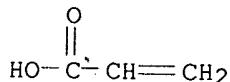
CM 1

CRN 29590-42-9
 CMF C11 H20 O2
 CCI IDS
 CDES 8:ID, ISO



CM 2

CRN 79-10-7
 CMF C3 H4 O2

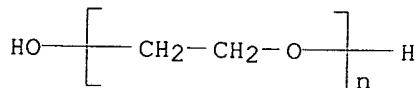


CM 3

CRN 60182-11-8
 CMF C3 H4 O2 . x (C2 H4 O)n H2 O
 CDES 8:GD, ESTER

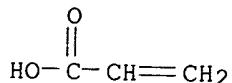
CM 4

CRN 25322-68-3
 CMF (C2 H4 O)n H2 O
 CCI PMS



CM 5

CRN 79-10-7
 CMF C3 H4 O2

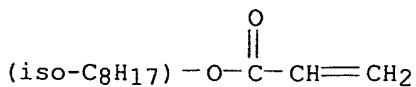


RN 188308-96-5 HCAPLUS
 CN 2-Propenoic acid, isoctyl ester, polymer with .alpha.-(1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) and 2-propenamide (9CI) (CA INDEX NAME)

CM 1

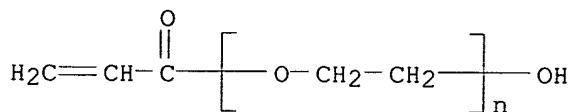
CRN 29590-42-9

CMF C11 H20 O2
 CCI IDS
 CDES 8:ID, ISO



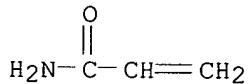
CM 2

CRN 26403-58-7
 CMF (C2 H4 O)n C3 H4 O2
 CCI PMS



CM 3

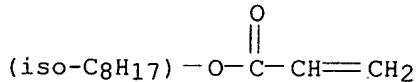
CRN 79-06-1
 CMF C3 H5 N O



RN 196089-59-5 HCPLUS
 CN 2-Propenoic acid, polymer with isooctyl 2-propenoate, 2-methylpropyl 2-propenoate and .alpha.-(1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

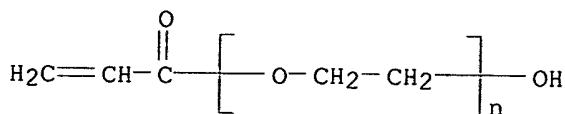
CM 1

CRN 29590-42-9
 CMF C11 H20 O2
 CCI IDS
 CDES 8:ID, ISO

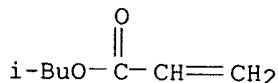


CM 2

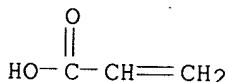
CRN 26403-58-7
 CMF (C2 H4 O)n C3 H4 O2
 CCI PMS



CM 3

CRN 106-63-8
CMF C7 H12 O2

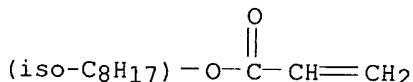
CM 4

CRN 79-10-7
CMF C3 H4 O2

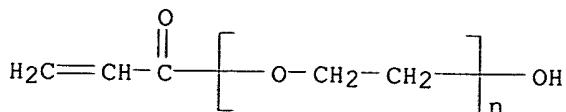
RN 196089-60-8 HCAPLUS

CN 2-Propenoic acid, isoctyl ester, polymer with N,N-dimethyl-2-propenamide and .alpha.- (1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

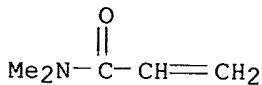
CM 1

CRN 29590-42-9
CMF C11 H20 O2
CCI IDS
CDES 8:ID, ISO

CM 2

CRN 26403-58-7
CMF (C₂ H₄ O)_n C₃ H₄ O₂
CCI PMS

CM 3

CRN 2680-03-7
CMF C5 H9 N O

L141 ANSWER 12 OF 25 HCAPLUS COPYRIGHT 2002 ACS
 AN 1997:293830 HCAPLUS
 DN 126:265002
 TI Optically clear antistatic pressure-sensitive easily removable adhesive film
 IN Kellen, James N.; Gutman, Gustav; Goetz, Richard J.
 PA Minnesota Mining and Mfg. Co., USA
 SO PCT Int. Appl., 25 pp.
 CODEN: PIXXD2

DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9708260	A1	19970306	WO 1996-US7669	19960711
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML	
PRAI	AU 9665404	A1	19970319	AU 1996-65404	19960711
	US 1995-2619P	P	19950822		
	US 1996-661505	A	19960611		
	WO 1996-US7669	W	19960711		
AB	The film useful for temporary protection of electronic equipments during assembly comprises a transparent flexible polymeric film support bearing on at least one major surface thereof a non-tribocharging, microparticulate blend adhesive formed from a blend of (A) conductive, polymeric, inherently tacky, solvent-insol., solvent-dispersible, elastomeric microparticles, the microparticles having a surface bearing thereon an ionic conductive material formed from a polymer electrolyte base polymer, and at least one ionic salt selected from the group consisting of salts of alkali metals and salts of alk. earth metals, wherein the microparticles have an av. diam. of .gtoreq.1 .mu.m, and (B) a nonparticulate acrylic copolymer; the adhesive having an adhesion to steel of 0.1-5 N/100 mm, and an optical transmission value of .gtoreq.80%. An adhesive film was derived from a compn. contg. isoctyl acrylate-acrylic acid- polyoxyethylene methacrylate copolymer (40% in water) 100, Rhoplex AC 630 (acrylic emulsion, 50% in water) 20, Li nitrate (20% in water) 3.0, and UCAR Polyphobe 104 (thickener, 25% in water) 0.5 g.				
IT	188818-22-6P, Acrylic acid-polyethylene glycol monomethacrylate-isoctyl acrylate copolymer 188818-23-7P, Acrylic acid-polyethylene glycol monomethacrylate-isoctyl acrylate-ethyl acrylate copolymer 188818-24-8P, 1,6-Hexanediol diacrylate-				

**polyethylene glycol monomethacrylate-
isooctyl acrylate-ethyl acrylate copolymer**

RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(optically clear antistatic pressure-sensitive easily removable adhesive film)

RN 188818-22-6 HCPLUS

CN 2-Propenoic acid, polymer with isooctyl 2-propenoate and
.alpha.- (2-methyl-1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-
ethanediyl) (9CI) (CA INDEX NAME)

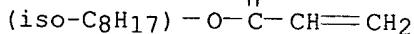
CM 1

CRN 29590-42-9

CMF C11 H20 O2

CCI IDS

CDES 8:ID, ISO

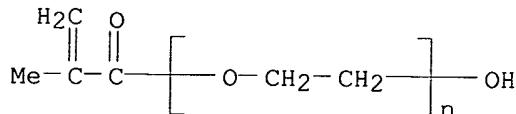


CM 2

CRN 25736-86-1

CMF (C₂ H₄ O)_n C₄ H₆ O₂

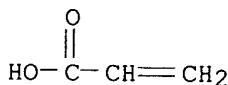
CCI PMS



CM 3

CRN 79-10-7

CMF C₃ H₄ O₂



RN 188818-23-7 HCPLUS

CN 2-Propenoic acid, polymer with ethyl 2-propenoate, isooctyl 2-propenoate and
.alpha.- (2-methyl-1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-
ethanediyl) (9CI) (CA INDEX NAME)

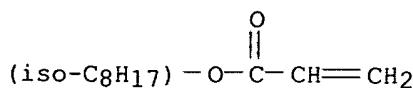
CM 1

CRN 29590-42-9

CMF C11 H20 O2

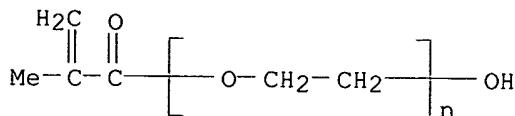
CCI IDS

CDES 8:ID, ISO



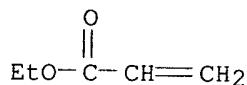
CM 2

CRN 25736-86-1
 CMF (C₂ H₄ O)_n C₄ H₆ O₂
 CCI PMS



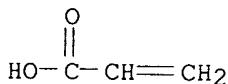
CM 3

CRN 140-88-5
 CMF C₅ H₈ O₂



CM 4

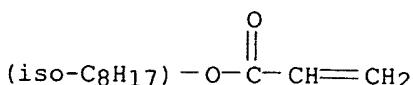
CRN 79-10-7
 CMF C₃ H₄ O₂



RN 188818-24-8 HCPLUS
 CN 2-Propenoic acid, 1,6-hexanediyl ester, polymer with ethyl 2-propenoate, isoctyl 2-propenoate and .alpha.- (2-methyl-1-oxo-2-propenyl)-.omega.- hydroxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

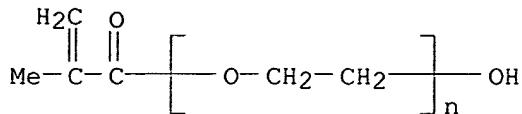
CM 1

CRN 29590-42-9
 CMF C₁₁ H₂₀ O₂
 CCI IDS
 CDES 8:ID, ISO



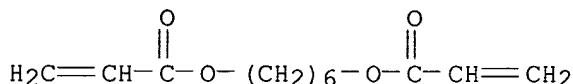
CM 2

CRN 25736-86-1
 CMF (C₂ H₄ O)_n C₄ H₆ O₂
 CCI PMS



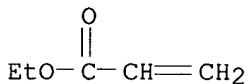
CM 3

CRN 13048-33-4
 CMF C₁₂ H₁₈ O₄

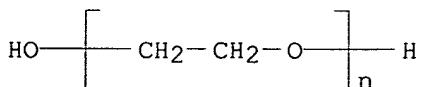


CM 4

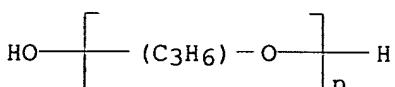
CRN 140-88-5
 CMF C₅ H₈ O₂



IT 25322-68-3 25322-69-4, Polypropylene oxide
 RL: TEM (Technical or engineered material use); USES (Uses)
 (polymer electrolyte base; optically clear antistatic
 pressure-sensitive easily removable adhesive film)
 RN 25322-68-3 HCAPLUS
 CN Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy- (9CI) (CA INDEX
 NAME)



RN 25322-69-4 HCAPLUS
 CN Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-hydro-.omega.-hydroxy- (9CI)
 (CA INDEX NAME)



DN 126:226258
 TI Microemulsion pressure sensitive adhesive compositions and methods of preparing and using same
 IN Dietz, Timothy M.; Lu, Ying-Yuh; Uy, Rosa; Young, Chung I.
 PA Minnesota Mining and Mfg. Co., USA
 SO PCT Int. Appl., 80 pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9705171	A1	19970213	WO 1996-US10532	19960617
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN				
	US 5670557	A	19970923	US 1995-507006	19950725
	AU 9662837	A1	19970226	AU 1996-62837	19960617
	EP 840753	A1	19980513	EP 1996-921683	19960617
	R: DE, FR, GB, IT				
	JP 11510530	T2	19990914	JP 1996-507585	19960617
PRAI	US 1995-507006		19950725		
	US 1994-188269		19940128		
	WO 1996-US10532		19960617		

AB The compn. has peel adhesion of at least 3 Newtons/100 mm as measured according to a PSTC-1 Test. The compn. preferably has a bicontinuous structure of a continuous phase of a hydrophobic pressure-sensitive adhesive polymer and a continuous phase of a hydrophilic polymer. The bulk properties of both polymers are retained in the bicontinuous structure. The compn. is prep'd. from a **microemulsion** comprising a free-radically ethylenically unsatd. polar amphiphilic or hydrophilic monomer or oligomer in the aq. phase, a free-radically ethylenically unsatd. hydrophobic monomer, having a glass transition temp. suitable for forming a pressure sensitive adhesive, in the oil phase, water, and surfactant. Uses for the pressure sensitive adhesive compn. include biomedical articles, such as biomedical electrodes, medical skin coverings, and pharmaceutical delivery devices. A typical adhesive was manufd. by mixing 0.87 g **acrylic** acid and 2.03 g AM90G Ester (**polyethylene glycol acrylate**) with 1.25 g **isoctyl acrylate**, adding 0.02 g photoinitiator, then adding Brij 76 surfactant, then adding 4% aq. KCl soln., and photopolymer. the resulting **microemulsion** as a 0.38-mm cast film between release sheets.

IT 106858-20-2P 162735-59-3P 162735-65-1P
 162735-67-3P 170728-61-7P 188308-94-3P
 188308-95-4P 188308-96-5P 188308-97-6P
 188308-98-7P

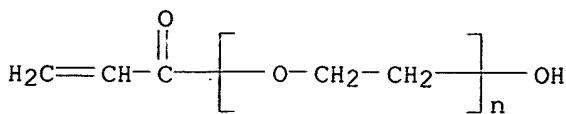
RL: IMF (Industrial manufacture); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (bicontinuous **microemulsion acrylic**
 pressure-sensitive adhesive compns.)

RN 106858-20-2 HCAPLUS

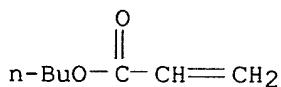
CN 2-Propenoic acid, polymer with butyl 2-propenoate and .alpha.- (1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

CM 1

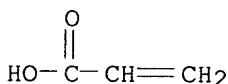
CRN 26403-58-7
 CMF (C2 H4 O)n C3 H4 O2
 CCI PMS



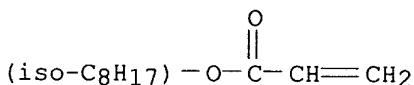
CM 2

CRN 141-32-2
CMF C7 H12 O2

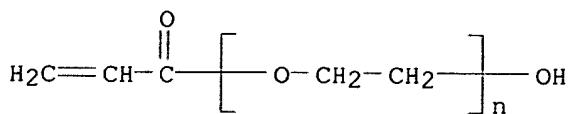
CM 3

CRN 79-10-7
CMF C3 H4 O2RN 162735-59-3 HCPLUS
CN 2-Propenoic acid, polymer with isooctyl 2-propenoate and
.alpha.- (1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) (9CI)
(CA INDEX NAME)

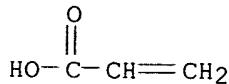
CM 1

CRN 29590-42-9
CMF C11 H20 O2
CCI IDS
CDES 8:ID, ISO

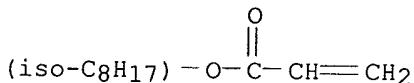
CM 2

CRN 26403-58-7
CMF (C₂ H₄ O)_n C₃ H₄ O₂
CCI PMS

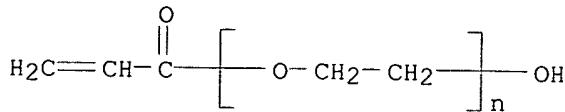
CM 3

CRN 79-10-7
CMF C3 H4 O2RN 162735-65-1 HCAPLUS
CN 2-Propenoic acid, isoctyl ester, polymer with 1-ethenyl-2-pyrrolidinone and .alpha.- (1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

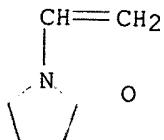
CM 1

CRN 29590-42-9
CMF C11 H20 O2
CCI IDS
CDES 8:ID, ISO

CM 2

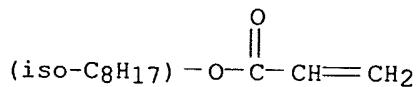
CRN 26403-58-7
CMF (C2 H4 O)n C3 H4 O2
CCI PMS

CM 3

CRN 88-12-0
CMF C6 H9 N ORN 162735-67-3 HCAPLUS
CN 2-Propenoic acid, 2-methyl-, polymer with isoctyl 2-propenoate and .alpha.- (1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

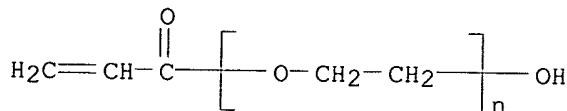
CM 1

CRN 29590-42-9
 CMF C11 H20 O2
 CCI IDS
 CDES 8:ID, ISO



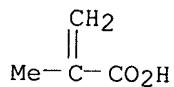
CM 2

CRN 26403-58-7
 CMF (C₂ H₄ O)_n C₃ H₄ O₂
 CCI PMS



CM 3

CRN 79-41-4
 CMF C₄ H₆ O₂

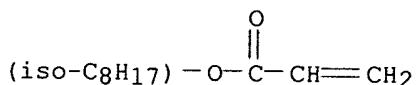


RN 170728-61-7 HCPLUS

CN 2-Propenoic acid, polymer with isoctyl 2-propenoate, .alpha.- (1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) and exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl 2-propenoate (9CI) (CA INDEX NAME)

CM 1

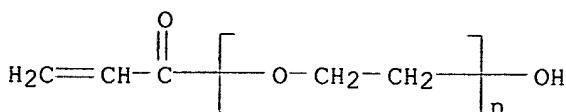
CRN 29590-42-9
 CMF C11 H20 O2
 CCI IDS
 CDES 8:ID, ISO



CM 2

CRN 26403-58-7
 CMF (C₂ H₄ O)_n C₃ H₄ O₂

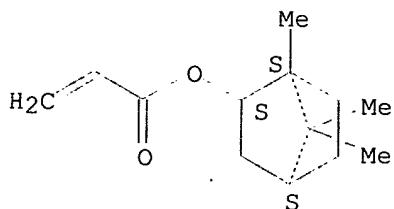
CCI PMS



CM 3

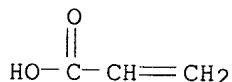
CRN 5888-33-5
CMF C13 H20 02
CDES 2:EXO

Relative stereochemistry.



CM 4

CRN 79-10-7
CMF C3 H4 O2

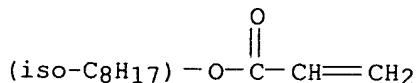


RN 188308-94-3 HCAPLUS

CN 2-Propenoic acid, polymer with 1-ethenyl-2-pyrrolidinone, isooctyl 2-propenoate and .alpha.- (1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

CM 1

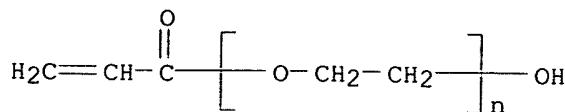
CRN 29590-42-9
CMF C11 H2O O2
CCI IDS
CDES 8:ID, ISO



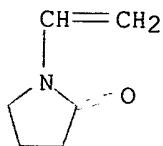
CM 2

CRN 26403-58-7
CMF (C2 H4 O)n C3 H4 O2

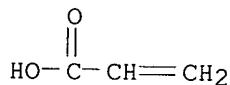
CCI PMS



CM 3

CRN 88-12-0
CMF C6 H9 N O

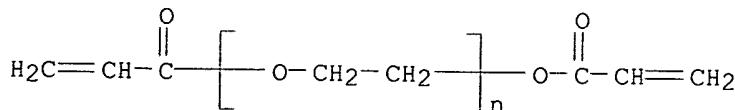
CM 4

CRN 79-10-7
CMF C3 H4 O2

RN 188308-95-4 HCAPLUS

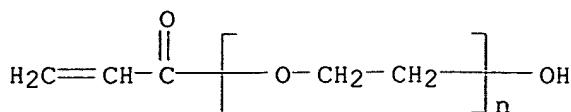
CN 2-Propenoic acid, polymer with .alpha.- (1-oxo-2-propenyl) -.omega.- hydroxypoly(oxy-1,2-ethanediyl) and .alpha.- (1-oxo-2-propenyl) -.omega.- [(1-oxo-2-propenyl)oxy]poly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

CM 1

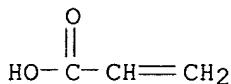
CRN 26570-48-9
CMF (C2 H4 O)n C6 H6 O3
CCI PMS

CM 2

CRN 26403-58-7
CMF (C2 H4 O)n C3 H4 O2
CCI PMS

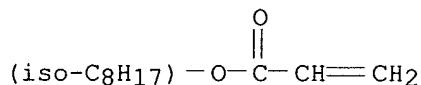


CM 3

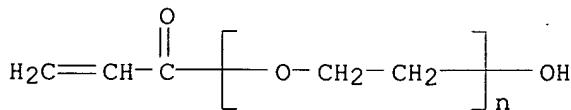
CRN 79-10-7
CMF C3 H4 O2

RN 188308-96-5 HCAPLUS
 CN 2-Propenoic acid, isoctyl ester, polymer with .alpha.- (1-oxo-2-propenyl)- .omega.-hydroxypoly(oxy-1,2-ethanediyl) and 2-propenamide (9CI) (CA INDEX NAME)

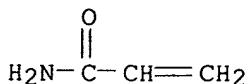
CM 1

CRN 29590-42-9
CMF C11 H20 O2
CCI IDS
CDES 8:ID, ISO

CM 2

CRN 26403-58-7
CMF (C₂ H₄ O)_n C3 H4 O2
CCI PMS

CM 3

CRN 79-06-1
CMF C3 H5 N O

RN 188308-97-6 HCAPLUS

CN 2-Propenoic acid, isoctyl ester, polymer with N,N'-methylenebis[2-propenamide] and .alpha.-(1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

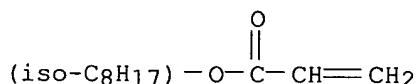
CM 1

CRN 29590-42-9

CMF C11 H20 O2

CCI IDS

CDES 8:ID, ISO

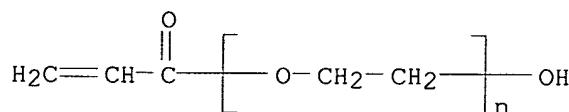


CM 2

CRN 26403-58-7

CMF (C2 H4 O)n C3 H4 O2

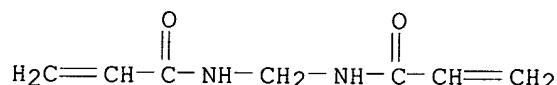
CCI PMS



CM 3

CRN 110-26-9

CMF C7 H10 N2 O2



RN 188308-98-7 HCAPLUS

CN 2-Propenoic acid, isoctyl ester, polymer with 1-ethenyl-2-pyrrolidinone, 2-methyl-2-[(1-oxo-2-propenyl)amino]-1-propanesulfonic acid and .alpha.-(1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

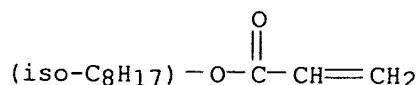
CM 1

CRN 29590-42-9

CMF C11 H20 O2

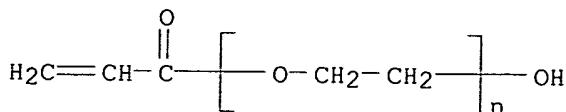
CCI IDS

CDES 8:ID, ISO



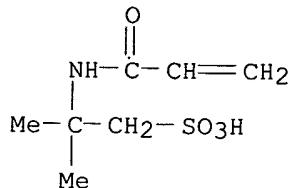
CM 2

CRN 26403-58-7
 CMF (C₂ H₄ O)_n C₃ H₄ O₂
 CCI PMS



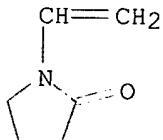
CM 3

CRN 15214-89-8
 CMF C₇ H₁₃ N O₄ S



CM 4

CRN 88-12-0
 CMF C₆ H₉ N O



L141 ANSWER 14 OF 25 HCPLUS COPYRIGHT 2002 ACS
 AN 1997:184650 HCPLUS
 DN 126:172726
 TI Backlight system with multilayer optical film reflector
 IN Wortman, David L.; Cobb, Sanford, Jr.; Cull, Brian D.; Weber, Michael F.; Onderkirk, Andrew J.
 PA Minnesota Mining and Mfg. Co., USA
 SO PCT Int. Appl., 42 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9701726	A1	19970116	WO 1996-US7596	19960524
	W:	AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE,			

SG, SI

RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML

AU 9658750 A1 19970130 AU 1996-58750 19960524

AU 716525 B2 20000224

EP 832392 A1 19980401

R: DE, ES, FR, GB, IT, NL

EP 1996-920454 19960524

JP 11508702 T2 19990727

JP 1996-504407 19960524

PRAI US 1995-494981 19950626

WO 1996-US7596 19960524

AB The present invention, useful as liq. crystal displays, includes a backlight system incorporating a back reflector and/or a lamp cavity reflector constructed of a multilayer optical film. Thus, an extruded multilayer mirror was prep'd. from poly(ethylene naphthalate) and THV 500 (fluoropolymer) and heated at 100-140.degree..

IT 187284-17-9, Acrylic acid-isoctyl

acrylate-polyoxyethylene acrylate copolymer

RL: DEV (Device component use); PRP (Properties); TEM (Technical or engineered material use); USES (Uses)

(adhesives, backing; backlight system with multilayer optical film reflector)

RN 187284-17-9 HCPLUS

CN 2-Propenoic acid, polymer with .alpha.-hydro-.omega.-hydroxypoly(oxy-1,2-ethanediyl) 2-propenoate and isoctyl 2-propenoate (9CI) (CA INDEX NAME)

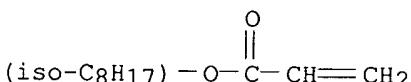
CM 1

CRN 29590-42-9

CMF C11 H20 O2

CCI IDS

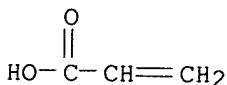
CDES 8:ID, ISO



CM 2

CRN 79-10-7

CMF C3 H4 O2



CM 3

CRN 60182-11-8

CMF C3 H4 O2 . x (C₂ H₄ O)_n H₂ O

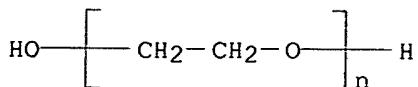
CDES 8:GD, ESTER

CM 4

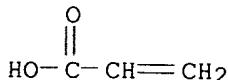
CRN 25322-68-3

CMF (C₂ H₄ O)_n H₂ O

CCI PMS



CM 5

CRN 79-10-7
CMF C3 H4 O2

L141 ANSWER 15 OF 25 HCAPLUS COPYRIGHT 2002 ACS
 AN 1995:996374 HCAPLUS
 DN 124:89524
 TI Repulpable pressure sensitive adhesive tape and improvement in tack and adhesion
 IN Brown, Mary L.; Goetz, Richard J.; Moore, Cheryl L.; Battles, Donald R.
 PA Minnesota Mining and Mfg. Co., USA
 SO PCT Int. Appl., 48 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9527016	A1	19951012	WO 1995-US2295	19950224
	W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TT, UA				
	RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	US 5512612	A	19960430	US 1994-222458	19940404
	CA 2185226	AA	19951012	CA 1995-2185226	19950224
	AU 9519301	A1	19951023	AU 1995-19301	19950224
	EP 754213	A1	19970122	EP 1995-911904	19950224
	EP 754213	B1	19980513		
	R: BE, DE, FR, GB, IT, NL, SE				
	CN 1145087	A	19970312	CN 1995-192420	19950224
	BR 9507271	A	19970923	BR 1995-7271	19950224
	JP 09511538	T2	19971118	JP 1995-525679	19950224
	FI 9603968	A	19961003	FI 1996-3968	19961003

PRAI US 1994-222458 19940404
 WO 1995-US2295 19950224

AB The title tape and adhesive comprises microparticles and a water-dispersible polymer component. The novel water-dispersible polymer contains a plurality of poly(alkoxyalkyl) acrylate units as a major component. The pressure sensitive adhesive may be used with labels for containers, sterilization indicator tapes and labels, closure systems for envelopes, surgical wrappers, and mammalian body coverings, and in the prepns. of paper web splices. An adhesive blend of microparticle 97:2:1 isooctyl acrylate-acrylic acid-polyethylene glycol monoacrylate copolymer, prepnd. as 40% solids emulsion, and 22% water dispersible

acrylic acid-2-(2-ethoxy)ethoxy Et acrylate copolymer (20:80; 182 .mu.m) was incorporated into a tape showing tack 56 mm and adhesion 6.9 N/m, vs. 80 and 3.6, resp., using only microparticle.

IT 9036-63-9P, Isooctyl acrylate homopolymer
108644-38-8P 172682-52-9P 172682-53-0P

RL: IMF (Industrial manufacture); POF (Polymer in formulation); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(repulpable pressure sensitive adhesive tape and improvement in tack and adhesion)

RN 9036-63-9 HCAPLUS

CN 2-Propenoic acid, isoctyl ester, homopolymer (9CI) (CA INDEX NAME)

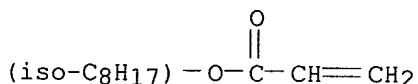
CM 1

CRN 29590-42-9

CMF C11 H20 O2

CCI IDS

CDES 8:ID, ISO



RN 108644-38-8 HCAPLUS

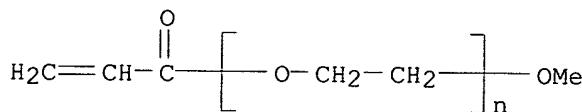
CN 2-Propenoic acid, polymer with .alpha.- (1-oxo-2-propenyl) -.omega.- methoxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

CM 1

CRN 32171-39-4

CMF (C₂ H₄ O)_n C₄ H₆ O₂

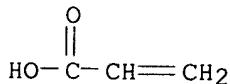
CCI PMS



CM 2

CRN 79-10-7

CMF C₃ H₄ O₂



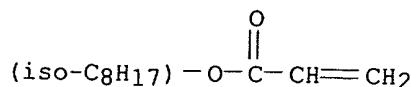
RN 172682-52-9 HCAPLUS

CN 2-Propenoic acid, polymer with isoctyl 2-propenoate and .alpha.- (1-oxo-2-propenyl) -.omega.- hydroxypoly(oxy-1,2-ethanediyl), graft (9CI) (CA INDEX NAME)

CM 1

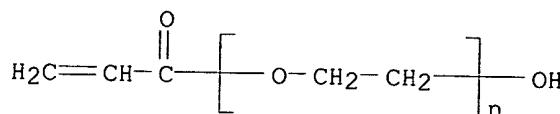
CRN 29590-42-9

CMF C11 H20 O2
 CCI IDS
 CDES 8:ID, ISO



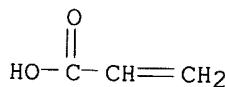
CM 2

CRN 26403-58-7
 CMF (C2 H4 O)n C3 H4 O2
 CCI PMS



CM 3

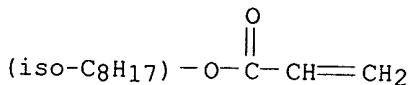
CRN 79-10-7
 CMF C3 H4 O2



RN 172682-53-0 HCAPLUS
 CN 2-Propenoic acid, polymer with butyl 2-propenoate, 1,6-hexanediyl di-2-propenoate, isoctyl 2-propenoate and .alpha.-(1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl), graft (9CI) (CA INDEX NAME)

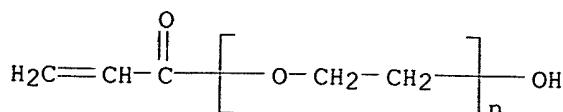
CM 1

CRN 29590-42-9
 CMF C11 H20 O2
 CCI IDS
 CDES 8:ID, ISO

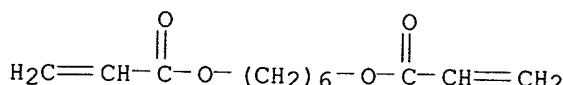


CM 2

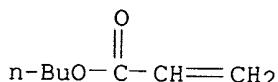
CRN 26403-58-7
 CMF (C2 H4 O)n C3 H4 O2
 CCI PMS



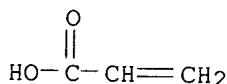
CM 3

CRN 13048-33-4
CMF C12 H18 O4

CM 4

CRN 141-32-2
CMF C7 H12 O2

CM 5

CRN 79-10-7
CMF C3 H4 O2

L141 ANSWER 16 OF 25 HCAPLUS COPYRIGHT 2002 ACS

AN 1995:943450 HCAPLUS

DN 123:341992

TI Polymers with essentially nonporous, bicontinuous structure and their preparation by photopolymerization of **microemulsions**

IN Lu, Ying-Yuh; Young, Chung I.

PA Minnesota Mining and Mfg. Co., USA

SO Ger. Offen., 24 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19501920	A1	19950803	DE 1995-19501920	19950123
	JP 07224105	A2	19950822	JP 1995-24577	19950120
	US 5624973	A	19970429	US 1995-453960	19950530
	US 5521229	A	19960528	US 1995-495147	19950627
PRAI	US 1994-189060		19940128		

AB The polymers are obtained from **microemulsions** comprising water 2-40, radically polymerizable polar monomer(s) 2-60, hydrophobic monomer 15-85, conventional and/or polymerizable surfactant(s) 5-70, and photoinitiator 0.01-5%. The use of the photocatalyzed **microemulsion** process results in products with superior properties. Thus, a copolymer of **acrylic acid**, **isobornyl acrylate** and **polyethylene glycol acrylate** was prep. in **microemulsion** using benzil di-Me ketal catalyst and Mazon SAM 211 surfactant; not using a **microemulsion** (no deionized water) resulted in a polymer with no bicontinuous structure. Thermal polymn. resulted in a porous structure.

IT 162735-65-1P 170728-58-2P 170728-59-3P
170728-60-6P 170728-61-7P 170728-62-8P

RL: IMF (Industrial manufacture); PREP (Preparation)
(photochem. **microemulsion** prepn. of **acrylic**
polymers with essentially nonporous, bicontinuous structure)

RN 162735-65-1 HCPLUS

CN 2-Propenoic acid, isoctyl ester, polymer with 1-ethenyl-2-pyrrolidinone and .alpha.-(1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

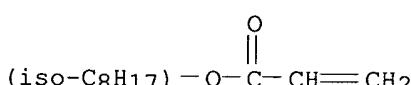
CM 1

CRN 29590-42-9

CMF C11 H20 O2

CCI IDS

CDES 8:ID, ISO

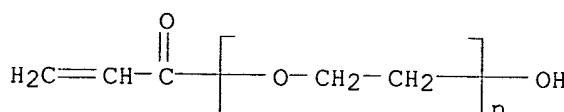


CM 2

CRN 26403-58-7

CMF (C₂ H₄ O)_n C₃ H₄ O₂

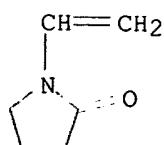
CCI PMS



CM 3

CRN 88-12-0

CMF C₆ H₉ N O



RN 170728-58-2 HCPLUS

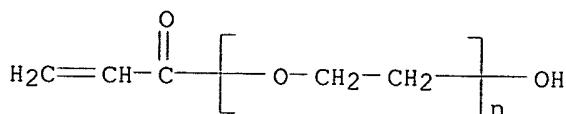
CN 2-Propenoic acid, polymer with .alpha.-(1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) and exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl 2-propenoate (9CI) (CA INDEX NAME)

CM 1

CRN 26403-58-7

CMF (C₂ H₄ O)_n C₃ H₄ O₂

CCI PMS



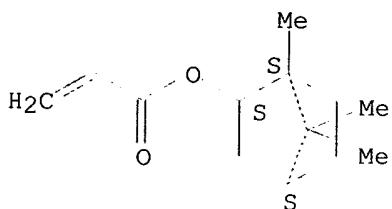
CM 2

CRN 5888-33-5

CMF C₁₃ H₂₀ O₂

CDES 2:EXO

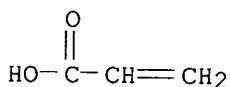
Relative stereochemistry.



CM 3.

CRN 79-10-7

CMF C₃ H₄ O₂



RN 170728-59-3 HCPLUS

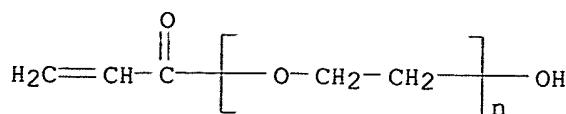
CN 2-Propenoic acid, polymer with 1-ethenyl-2-pyrrolidinone, .alpha.-(1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) and exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl 2-propenoate (9CI) (CA INDEX NAME)

CM 1

CRN 26403-58-7

CMF (C₂ H₄ O)_n C₃ H₄ O₂

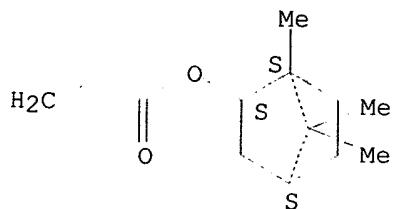
CCI PMS



CM 2

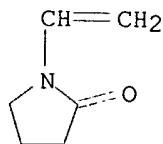
CRN 5888-33-5
 CMF C13 H20 O2
 CDES 2:EXO

Relative stereochemistry.



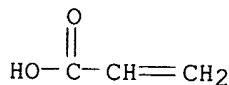
CM 3

CRN 88-12-0
 CMF C6 H9 N O



CM 4

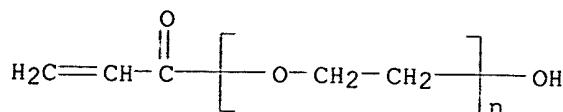
CRN 79-10-7
 CMF C3 H4 O2



RN 170728-60-6 HCPLUS
 CN 2-Propenoic acid, 1,7,7-trimethylbicyclo[2.2.1]hept-2-yl ester, exo-, polymer with .alpha.- (1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

CM 1

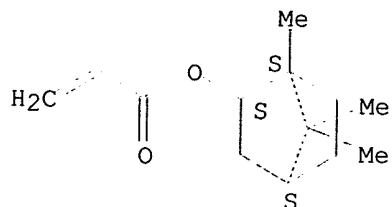
CRN 26403-58-7
 CMF (C₂ H₄ O)_n C₃ H₄ O₂
 CCI PMS



CM 2

CRN 5888-33-5
 CMF C13 H20 O2
 CDES 2:EXO

Relative stereochemistry.

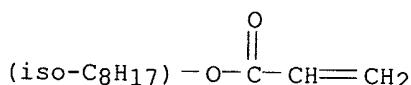


RN 170728-61-7 HCPLUS

CN 2-Propenoic acid, polymer with isoctyl 2-propenoate, .alpha.- (1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) and exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl 2-propenoate (9CI) (CA INDEX NAME)

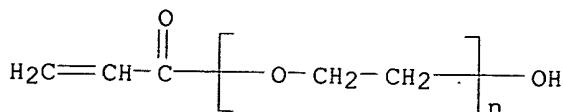
CM 1

CRN 29590-42-9
 CMF C11 H20 O2
 CCI IDS
 CDES 8:ID, ISO



CM 2

CRN 26403-58-7
 CMF (C₂ H₄ O)_n C₃ H₄ O₂
 CCI PMS

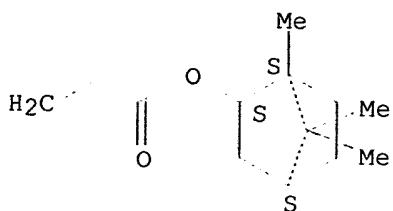


CM 3

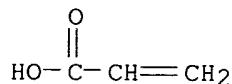
CRN 5888-33-5
 CMF C13 H20 O2

CDES 2:EXO

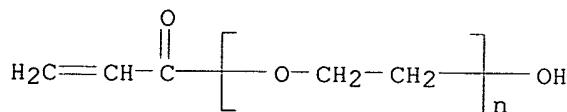
Relative stereochemistry.



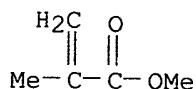
CM 4

CRN 79-10-7
CMF C3 H4 O2RN 170728-62-8 HCPLUS
CN 2-Propenoic acid, 2-methyl-, methyl ester, polymer with
.alpha.- (1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) and
2-propenoic acid (9CI) (CA INDEX NAME)

CM 1

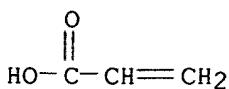
CRN 26403-58-7
CMF (C2 H4 O)n C3 H4 O2
CCI PMS

CM 2

CRN 80-62-6
CMF C5 H8 O2

CM 3

CRN 79-10-7
CMF C3 H4 O2



L141 ANSWER 17 OF 25 HCPLUS COPYRIGHT 2002 ACS
 AN 1995:938171 HCPLUS
 DN 123:322179
 TI Use of bicontinuous microemulsions as pressure sensitive adhesives
 IN Dietz, Timothy M.; Lu, Ying-Yuh; Uy, Rosa; Young, Chung I.
 PA Minnesota Mining and Mfg. Co., USA
 SO PCT Int. Appl., 72 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 3

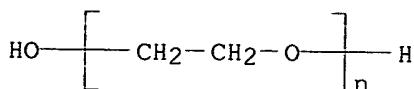
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PI	WO 9520634	A1	19950803	WO 1995-US221	19950106
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	RW: KE, MW, SD, SZ, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	CA 2179907	AA	19950803	CA 1995-2179907	19950106
	AU 9515995	A1	19950815	AU 1995-15995	19950106
	EP 741765	A1	19961113	EP 1995-907996	19950106
	EP 741765	B1	19990428		
	R: DE, DK, FR, GB, IT				
	CN 1139946	A	19970108	CN 1995-191349	19950106
	JP 09509196	T2	19970916	JP 1995-520058	19950106
	US 5674561	A	19971007	US 1995-567814	19951206
PRAI	US 1994-188269		19940128		
	WO 1995-US221		19950106		

AB A polymd. **microemulsion** pressure sensitive adhesive (PSA) compn. is described. The compn. preferably has a bicontinuous structure of a continuous phase of a hydrophobic pressure sensitive adhesive polymer and a continuous phase of a hydrophilic polymer. The bulk properties of both polymers are retained in the bicontinuous structure. The compn. is prepd. from a **microemulsion** comprising a free-radically ethylenically unsatd. polar amphiphilic or hydrophilic monomer or oligomer in the aq. phase, a free-radically ethylenically unsatd. hydrophobic monomer, having a glass transition temp. suitable for forming a pressure sensitive adhesive, in the oil phase, water, and surfactant. Uses for the pressure sensitive adhesive compn. include biomedical articles, such as biomedical electrodes, medical skin coverings, and pharmaceutical delivery devices. A **microemulsion** contained acrylic acid 0.87, AM90G ester (poly(ethylene oxide)acrylate 2.03, isoctyl acrylate 1.25, 2,2-dimethyl-2-phenyl-acetophenone 0.02, Brij 76 0.73, KCl 0.04, and water 0.83g.

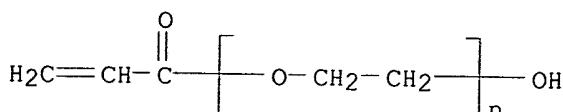
IT 25322-68-3, Peg 26403-58-7,
 Polyethylene glycol acrylate
 29590-42-9, Isooctyl acrylate
 RL: POF (Polymer in formulation); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (use of bicontinuous microemulsions as pressure sensitive adhesives)

RN 25322-68-3 HCPLUS
 CN Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy- (9CI) (CA INDEX

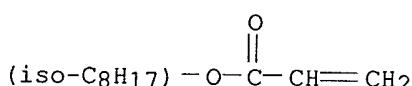
NAME)



RN 26403-58-7 HCAPLUS
 CN Poly(oxy-1,2-ethanediyl), .alpha.- (1-oxo-2-propenyl)-.omega.-hydroxy-
 (9CI) (CA INDEX NAME)



RN 29590-42-9 HCAPLUS
 CN 2-Propenoic acid, isoctyl ester (9CI) (CA INDEX NAME)



L141 ANSWER 18 OF 25 HCAPLUS COPYRIGHT 2002 ACS
 AN 1995:573942 HCAPLUS
 DN 122:308762

TI Storage and dilution of stable aqueous dispersions
 IN Mulqueen, Patrick Joseph; Banks, Graham; Lubetkin, Steven Duff; Fowles, Andrew Mark

PA Dowelanco, USA

SO PCT Int. Appl., 59 pp.
 CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9507614	A1	19950323	WO 1994-US10416	19940914
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	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	CA 2171848	AA	19950323	CA 1994-2171848	19940914
	AU 9478355	A1	19950403	AU 1994-78355	19940914
	AU 691835	B2	19980528		
	BR 9407501	A	19960625	BR 1994-7501	19940914
	EP 719086	A1	19960703	EP 1994-929214	19940914
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	HU 74022	A2	19961028	HU 1996-655	19940914
	HU 217665	B	20000328		
	JP 09510180	T2	19971014	JP 1995-509350	19940914
	ZA 9407147	A	19960315	ZA 1994-7147	19940915
	IL 110993	A1	19980715	IL 1994-110993	19940918
	US 6074986	A	20000613	US 1996-615326	19960802
PRAI	GB 1993-19129	A	19930915		
	WO 1994-US10416	W	19940914		

AB A formulation e.g., a pesticidal formulation in the form of a dispersion comprising a continuous aq. phase, and a discontinuous phase comprising a non-aq. material capable of transport through the aq. phase to cause Ostwald ripening of the dispersion, wherein there is contained within the discontinuous phase a pesticidal material, which may or may not be the said non-aq. material, wherein the discontinuous phase comprises a stabilizer in an amt. sufficient to depress migration of the non-aq. material through the aq. phase, and thereby diminish or prevent Ostwald ripening of the dispersion, characterized in that the stabilizer has a mol. wt. of not more than 10,000, and is sol. in the discontinuous phase, but insol. in and not transportable through the aq. phase. The prodn. of the formulation can be carried out in a metered in-line mixing plant, since the thermodn. of the mixing process of such that the particle size tends to a predictable value.

IT 9003-11-6, Ethyleneoxide/propyleneoxide copolymer
 25322-69-4, Polypropylene glycol 25639-21-8,
 Polyoctadecylmethacrylate 111740-36-4, Atlox 4913
 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
 (pesticidal stable aq. dispersions)

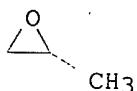
RN 9003-11-6 HCPLUS

CN Oxirane, methyl-, polymer with oxirane (9CI) (CA INDEX NAME)

CM 1

CRN 75-56-9

CMF C3 H6 O



CM 2

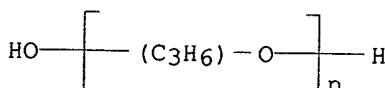
CRN 75-21-8

CMF C2 H4 O



RN 25322-69-4 HCPLUS

CN Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-hydro-.omega.-hydroxy- (9CI)
 (CA INDEX NAME)



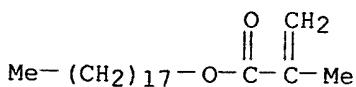
RN 25639-21-8 HCPLUS

CN 2-Propenoic acid, 2-methyl-, octadecyl ester, homopolymer (9CI) (CA INDEX NAME)

CM 1

CRN 32360-05-7

CMF C22 H42 O2



RN 111740-36-4 HCAPLUS

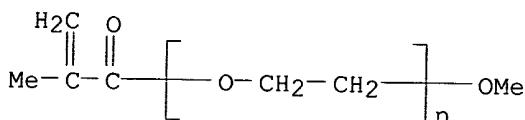
CN 2-Propenoic acid, 2-methyl-, polymer with methyl 2-methyl-2-propenoate and .alpha.- (2-methyl-1-oxo-2-propenyl)-.omega.-methoxypoly(oxy-1,2-ethanediyl), graft (9CI) (CA INDEX NAME)

CM 1

CRN 26915-72-0

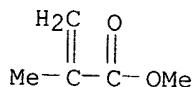
CMF (C₂ H₄ O)_n C₅ H₈ O₂

CCI PMS



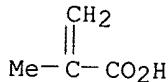
CM 2

CRN 80-62-6

CMF C₅ H₈ O₂

CM 3

CRN 79-41-4

CMF C₄ H₆ O₂

L141 ANSWER 19 OF 25 HCAPLUS COPYRIGHT 2002 ACS

AN 1995:520281 HCAPLUS

DN 122:267420

TI Tacky microspheres having pendant hydrophilic polymeric or oligomeric moieties

IN Delgado, Joaquin; Goetz, Richard J.; Silver, Spencer F.

PA Minnesota Mining and Mfg. Co., USA

SO PCT Int. Appl., 38 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.

KIND DATE

APPLICATION NO. DATE

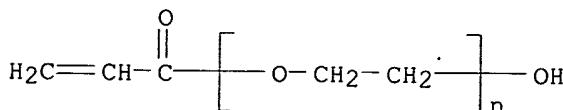
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PI WO 9413751 A1 19940623 WO 1993-US11967 19931209
 W: AU, BR, CA, CZ, HU, JP, KR, NO, PL, RU
 RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
 CA 2150122 AA 19940623 CA 1993-2150122 19931209
 AU 9458707 A1 19940704 AU 1994-58707 19931209
 AU 684741 B2 19980108
 EP 673402 A1 19950927 EP 1994-904828 19931209
 EP 673402 B1 19970226
 R: BE, CH, DE, ES, FR, GB, IT, LI, PT, SE
 JP 08504477 T2 19960514 JP 1993-514397 19931209
 HU 73035 A2 19960628 HU 1995-1686 19931209
 ES 2098919 T3 19970501 ES 1994-904828 19931209
 PL 174424 B1 19980731 PL 1993-309335 19931209
 BR 9307617 A 19990615 BR 1993-7617 19931209
 CN 1089952 A 19940727 CN 1993-121689 19931210
 CN 1050134 B 20000308
 US 5508313 A 19960416 US 1994-333362 19941102
 NO 9502298 A 19950612 NO 1995-2298 19950609
 PRAI US 1992-989101 A 19921211
 WO 1993-US11967 W 19931209
 AB The invention provides inherently tacky, polymeric, org., solvent-insol., solvent-dispersible, elastomeric, pressure-sensitive adhesive microspheres having d.p. .gt;req.2. The microspheres which are sterically stabilized can offer enhanced stability against coagulation caused by alkali, alkali salts, polyelectrolytes and repeated freeze/thaw cycles. The present invention also provides pressure-sensitive adhesives comprising these microspheres including aerosol spray PSAs, coated sheet materials prep'd. therefrom, and method of making the microspheres.
 IT 57047-42-4P 96613-21-7P 106858-20-2P
 162735-59-3P 162735-60-6P 162735-61-7P
 162735-62-8P 162735-63-9P 162735-64-0P
 162735-65-1P 162735-66-2P 162735-67-3P
 162735-68-4P 162735-69-5P 162735-70-8P
 162735-71-9P 162735-72-0P 162735-73-1P
 162735-74-2P
 RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (tacky microspheres having pendant hydrophilic polymeric moieties for pressure-sensitive adhesives)
 RN 57047-42-4 HCPLUS
 CN 2-Propenoic acid, polymer with 2-ethylhexyl 2-propenoate and .alpha.-(1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

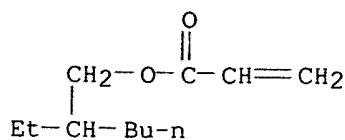
CM 1

CRN 26403-58-7
 CMF (C₂ H₄ O)_n C₃ H₄ O₂
 CCI PMS

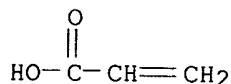


CM 2

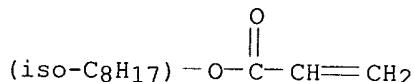
CRN 103-11-7
 CMF C₁₁ H₂₀ O₂



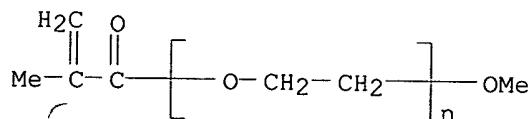
CM 3

CRN 79-10-7
CMF C3 H4 O2RN 96613-21-7 HCPLUS
CN 2-Propenoic acid, polymer with isooctyl 2-propenoate and
.alpha.- (2-methyl-1-oxo-2-propenyl)-.omega.-methoxypoly(oxy-1,2-
ethanediyl) (9CI) (CA INDEX NAME)

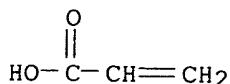
CM 1

CRN 29590-42-9
CMF C11 H20 O2
CCI IDS
CDES 8:ID, ISO

CM 2

CRN 26915-72-0
CMF (C₂ H₄ O)_n C₅ H₈ O₂
CCI PMS

CM 3

CRN 79-10-7
CMF C3 H4 O2

RN 106858-20-2 HCPLUS

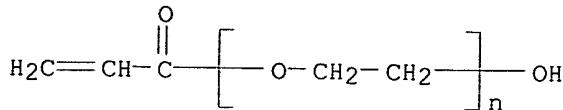
CN 2-Propenoic acid, polymer with butyl 2-propenoate and .alpha.-(1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

CM 1

CRN 26403-58-7

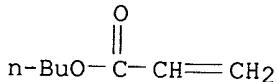
CMF (C₂ H₄ O)_n C₃ H₄ O₂

CCI PMS



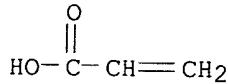
CM 2

CRN 141-32-2

CMF C₇ H₁₂ O₂

CM 3

CRN 79-10-7

CMF C₃ H₄ O₂

RN 162735-59-3 HCPLUS

CN 2-Propenoic acid, polymer with isooctyl 2-propenoate and .alpha.-(1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

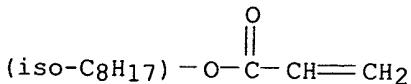
CM 1

CRN 29590-42-9

CMF C₁₁ H₂₀ O₂

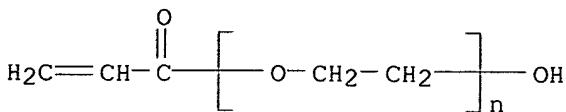
CCI IDS

CDES 8:ID, ISO



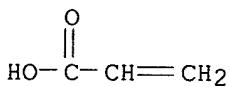
CM 2

CRN 26403-58-7
 CMF (C₂ H₄ O)_n C₃ H₄ O₂
 CCI PMS



CM 3

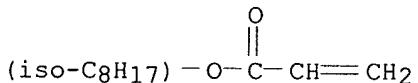
CRN 79-10-7
 CMF C₃ H₄ O₂



RN 162735-60-6 HCPLUS
 CN 2-Propenoic acid, polymer with ethenyl acetate, isoctyl 2-propenoate and
 .alpha.- (1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) (9CI)
 (CA INDEX NAME)

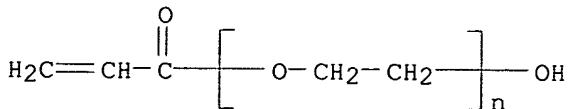
CM 1

CRN 29590-42-9
 CMF C₁₁ H₂₀ O₂
 CCI IDS
 CDES 8:ID, ISO



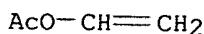
CM 2

CRN 26403-58-7
 CMF (C₂ H₄ O)_n C₃ H₄ O₂
 CCI PMS



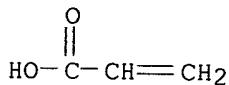
CM 3

CRN 108-05-4
 CMF C₄ H₆ O₂



CM 4

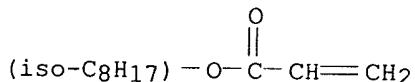
CRN 79-10-7
 CMF C3 H4 O2



RN 162735-61-7 HCAPLÜS
 CN 2-Propenoic acid, polymer with ethenylbenzene, isoctyl 2-propenoate and
 .alpha.- (1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) (9CI)
 (CA INDEX NAME)

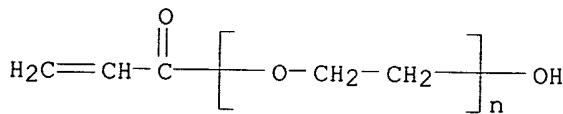
CM 1

CRN 29590-42-9
 CMF C11 H20 O2
 CCI IDS
 CDES 8:ID, ISO



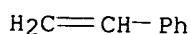
CM 2

CRN 26403-58-7
 CMF (C₂ H₄ O)_n C3 H4 O2
 CCI PMS



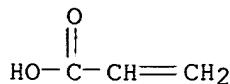
CM 3

CRN 100-42-5
 CMF C8 H8



CM 4

CRN 79-10-7
 CMF C3 H4 O2



RN 162735-62-8 HCPLUS

CN Butanedioic acid, methylene-, polymer with isooctyl 2-propenoate and
.alpha.- (1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) (9CI)
(CA INDEX NAME)

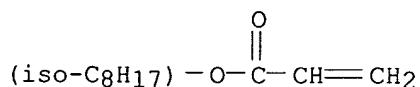
CM 1

CRN 29590-42-9

CMF C11 H20 O2

CCI IDS

CDES 8:ID, ISO

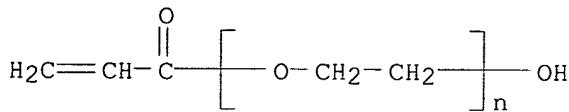


CM 2

CRN 26403-58-7

CMF (C₂ H₄ O)_n C₃ H₄ O₂

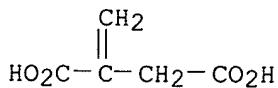
CCI PMS



CM 3

CRN 97-65-4

CMF C5 H6 O4



RN 162735-63-9 HCPLUS

CN 2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester, polymer with isooctyl
2-propenoate and .alpha.- (1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-
ethanediyl) (9CI) (CA INDEX NAME)

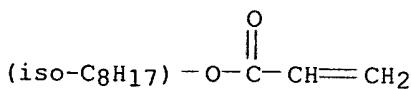
CM 1

CRN 29590-42-9

CMF C11 H20 O2

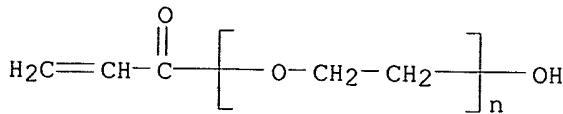
CCI IDS

CDES 8:ID, ISO



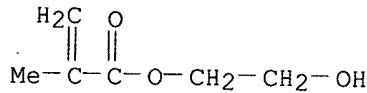
CM 2

CRN 26403-58-7
 CMF (C₂ H₄ O)_n C₃ H₄ O₂
 CCI PMS



CM 3

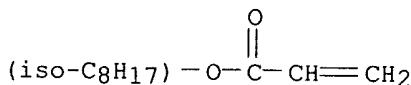
CRN 868-77-9
 CMF C₆ H₁₀ O₃



RN 162735-64-0 HCAPLUS
 CN 2-Butenedioic acid (2Z)-, polymer with isoctyl 2-propenoate and
 .alpha.-(1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) (9CI)
 (CA INDEX NAME)

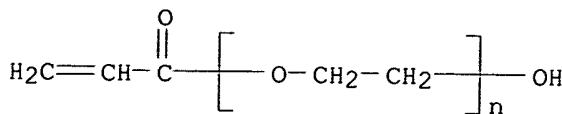
CM 1

CRN 29590-42-9
 CMF C₁₁ H₂₀ O₂
 CCI IDS
 CDES 8:ID, ISO



CM 2

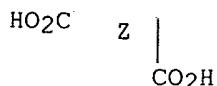
CRN 26403-58-7
 CMF (C₂ H₄ O)_n C₃ H₄ O₂
 CCI PMS



CM 3

CRN 110-16-7
 CMF C4 H4 O4
 CDES 2:Z

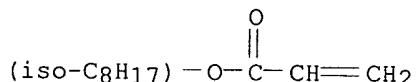
Double bond geometry as shown.



RN 162735-65-1 HCPLUS
 CN 2-Propenoic acid, isoctyl ester, polymer with 1-ethenyl-2-pyrrolidinone and .alpha.- (1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

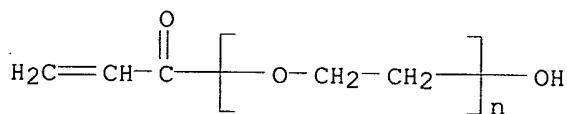
CM 1

CRN 29590-42-9
 CMF C11 H20 O2
 CCI IDS
 CDES 8:ID, ISO



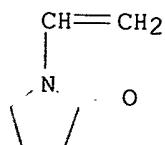
CM 2

CRN 26403-58-7
 CMF (C2 H4 O)n C3 H4 O2
 CCI PMS



CM 3

CRN 88-12-0
 CMF C6 H9 N O



RN 162735-66-2 HCPLUS

CN 2-Propenoic acid, isoctyl ester, polymer with ammonium 2-propenoate and .alpha.-(1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

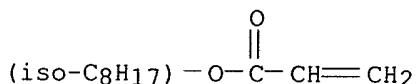
CM 1

CRN 29590-42-9

CMF C11 H20 O2

CCI IDS

CDES 8:ID, ISO

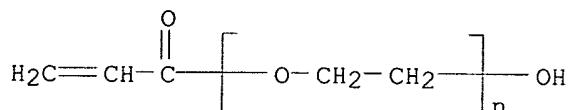


CM 2

CRN 26403-58-7

CMF (C2 H4 O)n C3 H4 O2

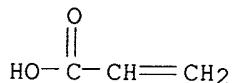
CCI PMS



CM 3

CRN 10604-69-0

CMF C3 H4 O2 . H3 N



● NH₃

RN 162735-67-3 HCPLUS

CN 2-Propenoic acid, 2-methyl-, polymer with isoctyl 2-propenoate and .alpha.-(1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

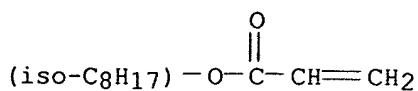
CM 1

CRN 29590-42-9

CMF C11 H20 O2

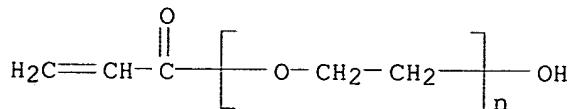
CCI IDS

CDES 8:ID, ISO



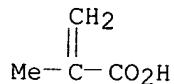
CM 2

CRN 26403-58-7
 CMF (C₂ H₄ O)_n C₃ H₄ O₂
 CCI PMS



CM 3

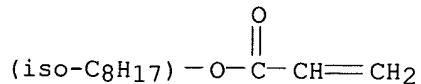
CRN 79-41-4
 CMF C₄ H₆ O₂



RN 162735-68-4 HCPLUS
 CN 2-Propenoic acid, isoctyl ester, polymer with .alpha.-(1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

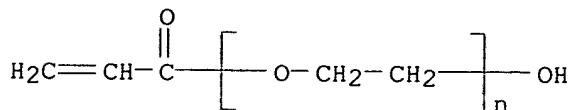
CM 1

CRN 29590-42-9
 CMF C₁₁ H₂₀ O₂
 CCI IDS
 CDES 8:ID, ISO



CM 2

CRN 26403-58-7
 CMF (C₂ H₄ O)_n C₃ H₄ O₂
 CCI PMS



RN 162735-69-5 HCPLUS

CN 2-Propenoic acid, polymer with isooctyl 2-propenoate and
.alpha.- (2-methyl-1-oxo-2-propenyl)-.omega.- (nonylphenoxy)poly(oxy-1,2-
ethanediyl) (9CI) (CA INDEX NAME)

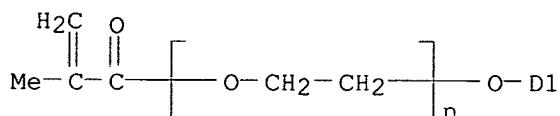
CM 1

CRN 50974-49-7

CMF (C₂ H₄ O)_n C₁₉ H₂₈ O₂

CCI IDS, PMS

CDES 8:ID

D1--(CH₂)₈-Me

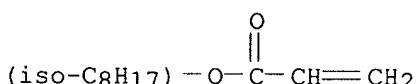
CM 2

CRN 29590-42-9

CMF C₁₁ H₂₀ O₂

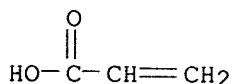
CCI IDS

CDES 8:ID, ISO



CM 3

CRN 79-10-7

CMF C₃ H₄ O₂

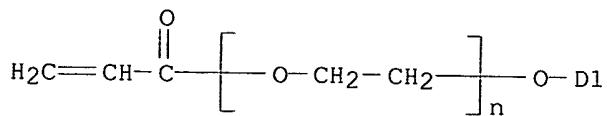
RN 162735-70-8 HCPLUS

CN 2-Propenoic acid, polymer with isooctyl 2-propenoate and
.alpha.- (1-oxo-2-propenyl)-.omega.- (nonylphenoxy)poly(oxy-1,2-ethanediyl)
(9CI) (CA INDEX NAME)

CM 1

CRN 50974-47-5

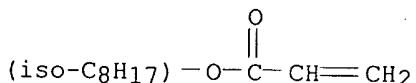
CMF (C₂ H₄ O)_n C₁₈ H₂₆ O₂
 CCI IDS, PMS
 CDES 8:ID



D1- (CH₂)₈-Me

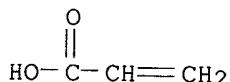
CM 2

CRN 29590-42-9
 CMF C₁₁ H₂₀ O₂
 CCI IDS
 CDES 8:ID, ISO



CM 3

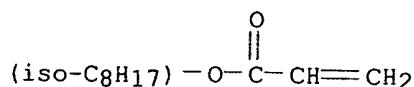
CRN 79-10-7
 CMF C₃ H₄ O₂



RN 162735-71-9 HCPLUS
 CN 2-Propenoic acid, polymer with diethenylbenzene, isoctyl 2-propenoate and
 .alpha.- (1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) (9CI)
 (CA INDEX NAME)

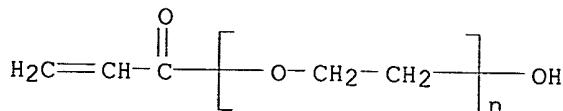
CM 1

CRN 29590-42-9
 CMF C₁₁ H₂₀ O₂
 CCI IDS
 CDES 8:ID, ISO



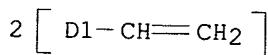
CM 2

CRN 26403-58-7
 CMF (C₂ H₄ O)_n C₃ H₄ O₂
 CCI PMS



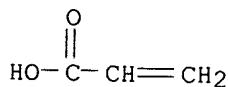
CM 3

CRN 1321-74-0
 CMF C₁₀ H₁₀
 CCI IDS
 CDES 8:ID



CM 4

CRN 79-10-7
 CMF C₃ H₄ O₂

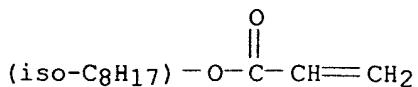


RN 162735-72-0 HCAPLUS
 CN 2-Propenoic acid, polymer with isoctyl 2-propenoate, .alpha.- (2-methyl-1-oxo-2-propenyl)-.omega.-[(2-methyl-1-oxo-2-propenyl)oxy]poly(oxy-1,2-ethanediyl) and .alpha.- (1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

CM 1

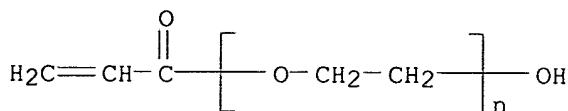
CRN 29590-42-9
 CMF C₁₁ H₂₀ O₂
 CCI IDS

CDES 8:ID, ISO



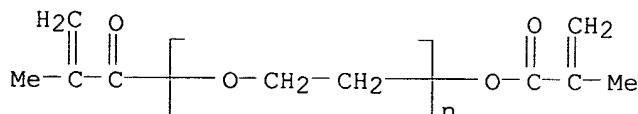
CM 2

CRN 26403-58-7
 CMF (C₂ H₄ O)_n C₃ H₄ O₂
 CCI PMS



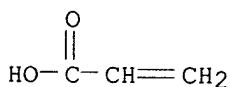
CM 3

CRN 25852-47-5
 CMF (C₂ H₄ O)_n C₈ H₁₀ O₃
 CCI PMS



CM 4

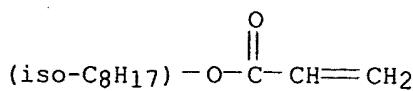
CRN 79-10-7
 CMF C₃ H₄ O₂



RN 162735-73-1 HCPLUS
 CN 2-Propenoic acid, polymer with 1,6-hexanediyl di-2-propenoate, isoctyl 2-propenoate and .alpha.-(1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

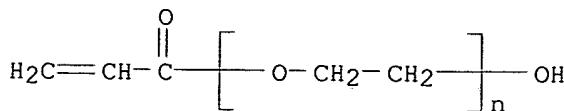
CM 1

CRN 29590-42-9
 CMF C₁₁ H₂₀ O₂
 CCI IDS
 CDES 8:ID, ISO



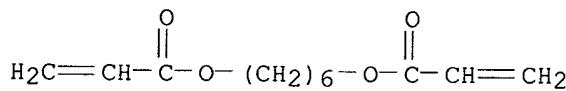
CM 2

CRN 26403-58-7
 CMF (C₂ H₄ O)_n C₃ H₄ O₂
 CCI PMS



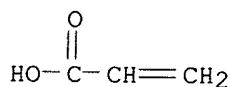
CM 3

CRN 13048-33-4
 CMF C₁₂ H₁₈ O₄



CM 4

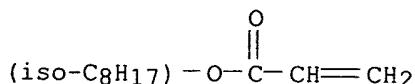
CRN 79-10-7
 CMF C₃ H₄ O₂



RN 162735-74-2 HCPLUS
 CN 2-Propenoic acid, 1,4-butanediyl ester, polymer with 1-ethenyl-2-pyrrolidinone, isoctyl 2-propenoate and .alpha.-(1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

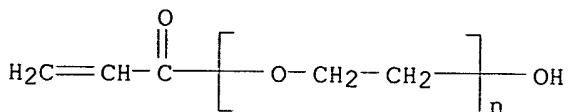
CM 1

CRN 29590-42-9
 CMF C₁₁ H₂₀ O₂
 CCI IDS
 CDES 8:ID, ISO



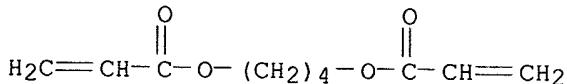
CM 2

CRN 26403-58-7
 CMF (C₂ H₄ O)_n C₃ H₄ O₂
 CCI PMS



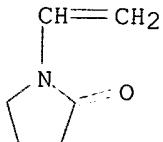
CM 3

CRN 1070-70-8
 CMF C₁₀ H₁₄ O₄



CM 4

CRN 88-12-0
 CMF C₆ H₉ N O



L141 ANSWER 20 OF 25 HCPLUS COPYRIGHT 2002 ACS

AN 1994:166261 HCPLUS

DN 120:166261

TI Removable pressure-sensitive adhesive showing high shear and low peel adhesion and adhesive transfer and adhesive tapes containing it

IN Ginkel, Scott T.; Jorgensen, Jens L.; Schulte, Daniel C.

PA Minnesota Mining and Mfg. Co., USA

SO PCT Int. Appl., 24 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 9314171	A1	19930722	WO 1993-US192	19930112
	W: AU, CA, HU, JP, KR				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU	9334410	A1	19930803	AU 1993-34410	19930112
ZA	9300200	A	19940712	ZA 1993-200	19930112
EP	623160	A1	19941109	EP 1993-903053	19930112
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
JP	07503035	T2	19950330	JP 1993-512600	19930112
HU	68125	A2	19950529	HU 1994-2138	19930112

PRAI US 1992-823257 19920121
 WO 1993-US192 19930112
 AB The title adhesive comprises a copolymer of non-tertiary alkyl acrylates and homopolymerizable vinyl emulsifier monomers having hydrophobic and hydrophilic groups and 5-40 carbon atoms, infusible tacky elastomeric microspheres, and a resin having high adhesion and static shear. An adhesive contained isooctyl acrylate-N-(tert-octyl)acrylamide-Na styrenesulfonate copolymer, isooctyl acrylate-N-vinylpyrrolidone copolymer microspheres, and Flexcryl 1625 (2-ethylhexyl acrylate-Me methacrylate-vinyl acetate copolymer).

L141 ANSWER 21 OF 25 HCPLUS COPYRIGHT 2002 ACS

AN 1994:144136 HCPLUS

DN 120:144136

TI Water-soluble polymeric carriers for drug delivery

IN Desai, Neil P.; Soon-Shiong, Patrick; Sandford, Paul A.

PA Clover Consolidated, Ltd., Switz.

SO PCT Int. Appl., 34 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9324476	A1	19931209	WO 1993-US5344	19930604
	W: AT, AU, BB, BG, BR, CA, CH, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9344067	A1	19931230	AU 1993-44067	19930604
	US 5648506	A	19970715	US 1995-464270	19950605

PRAI US 1992-893500 19920604

WO 1993-US5344 19930604

AB Polymeric drug delivery systems in which the drug, e.g. taxol (I), is bound to a water-sol. polymer, e.g. PEG, to provide a form of sol. drug delivery esp. for those cases in which the drug by itself is water-insol are disclosed. I in CHCl₃ was mixed with 1,1,-carbonyldiimidazole (II) to obtain I-II deriv. which was sepd. and reacted with monomethoxy polyethylene glycol amine to obtain I-PEG deriv.

Cross-linked insol. gels of these materials are also prepd. to serve as a form of implantable drug delivery.

IT 108644-38-8P

RL: RCT (Reactant); PREP (Preparation)
 (prepn. and coupling of, with taxol)

RN 108644-38-8 HCPLUS

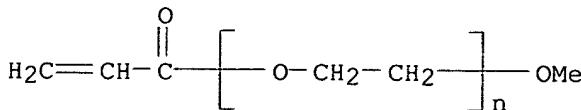
CN 2-Propenoic acid, polymer with .alpha.-(1-oxo-2-propenyl)-.omega.-methoxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

CM 1

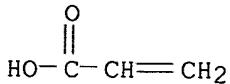
CRN 32171-39-4

CMF (C₂ H₄ O)_n C₄ H₆ O₂

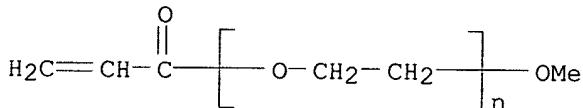
CCI PMS



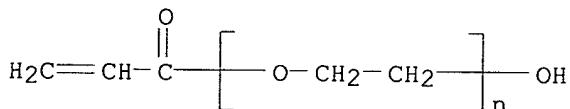
CM 2

CRN 79-10-7
CMF C3 H4 O2

IT 32171-39-4P
 RL: RCT (Reactant); PREP (Preparation)
 (prepn. and polymn. of)
 RN 32171-39-4 HCAPLUS
 CN Poly(oxy-1,2-ethanediyl), .alpha.- (1-oxo-2-propenyl)-.omega.-methoxy-
 (9CI) (CA INDEX NAME)



IT 26403-58-7DP, conjugates with succinyl taxol
 RL: PREP (Preparation)
 (prepn. of, for sustained-release drug delivery system)
 RN 26403-58-7 HCAPLUS
 CN Poly(oxy-1,2-ethanediyl), .alpha.- (1-oxo-2-propenyl)-.omega.-hydroxy-
 (9CI) (CA INDEX NAME)



L141 ANSWER 22 OF 25 HCAPLUS COPYRIGHT 2002 ACS

AN 1993:651720 HCAPLUS

DN 119:251720

TI Nonionic, pH-neutral acrylate copolymer latexes for
 pressure-sensitive adhesives for coated sheets

IN Crandall, Michael D.; Nelson, Robert L.

PA Minnesota Mining and Mfg. Co., USA

SO Eur. Pat. Appl., 9 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 546746	A1	19930616	EP 1992-310913	19921130
	EP 546746	B1	19980715		
	R: DE, FR, GB, IT, SE				
	US 5424122	A	19950613	US 1991-804296	19911209
	CA 2083625	AA	19930610	CA 1992-2083625	19921124
	AU 9229764	A1	19930610	AU 1992-29764	19921130
	AU 664723	B2	19951130		

JP 05271314 A2 19931019 JP 1992-327736 19921208
 PRAI US 1991-804296 19911209

AB The title latexes comprises (a) 5-70% nonionic polymers prep'd. from 90-99% alkyl acrylates and 1-10% nonionic alkyl amide monomers, (b) 30-95% (based on total latex wt.) aq. phase, and (c) 2-10% (based on wt. of a + c) nonionic emulsifier. Lauroyl peroxide-initiated emulsion polymn. of 32 g N-vinylpyrrolidone and 1568 g isooctyl acrylate in the presence of Igepal CA 897 (a nonionic surfactant) gave a copolymer latex, which was coated onto polyester substrates showing 180.degree. peel adhesion (bonded to glass) 2.3 m/min.

IT 106392-12-5, Ethylene oxide-propylene oxide block copolymer
 RL: USES (Uses)
 (surfactants, in emulsion polymn. of vinylpyrrolidone with alkyl acrylates)

RN 106392-12-5 HCPLUS

CN Oxirane, methyl-, polymer with oxirane, block (9CI) (CA INDEX NAME)

CM 1

CRN 75-56-9

CMF C3 H6 O

CH₃

CM 2

CRN 75-21-8

CMF C2 H4 O



L141 ANSWER 23 OF 25 HCPLUS COPYRIGHT 2002 ACS

AN 1989:194238 HCPLUS

DN 110:194238

TI Removable pressure-sensitive adhesive tapes

IN Winslow, Louis E.

PA Minnesota Mining and Mfg. Co., USA

SO Eur. Pat. Appl., 20 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 287306	A2	19881019	EP 1988-303227	19880411
	EP 287306	A3	19900404		
	EP 287306	B1	19930120		
	R: DE, ES, FR, GB, IT, SE				
	CA 1337315	A1	19951010	CA 1988-561463	19880315
	AU 8813302	A1	19881020	AU 1988-13302	19880318
	AU 595440	B2	19900329		
	ES 2037220	T3	19930616	ES 1988-303227	19880411

BR 8801791	A	19881116	BR 1988-1791	19880414
JP 01263176	A2	19891019	JP 1988-92650	19880414
JP 2592900	B2	19970319		
US 5116676	A	19920526	US 1991-702446	19910516
PRAI US 1987-36550		19870415		
US 1987-111214		19871022		
US 1988-203587		19880527		
US 1989-414714		19890929		

AB The title adhesive tapes contain fast-drying adhesives prep'd. from vinyl monomers (A) 95-99.9, amphiphilic C5-40 unsatd. surfactants 0.1-5.0, and **polyoxyethylene phosphates** or their salts 0.2-4.0 parts. The A consists of 60-100% non-tert alkyl **acrylates** with the alkyl moiety having .gtoreq.50% of its carbon atoms in a single chain and the av. length of the alkyl chain being 4-12. Thus, a mixt. of **isoctyl acrylate** 130.5, **octylacrylamide** 18.0, **Na styrenesulfonate** 1.5, 10% aq. **K isoctylphenoxyheptaethoxyphosphate** 3.0, **NaHCO3** 0.75, and **H2O** 182.1 g was heated 16 h at 50.degree., filtered, and coated on a backing paper to give an adhesive tape showing peel strength to a glass surface 42 N/dm, and leaving no adhesive residue after its removal.

L141 ANSWER 24 OF 25 HCPLUS COPYRIGHT 2002 ACS

AN 1986:95271 HCPLUS

DN 104:95271

TI Substantive moisturizing compositions

IN Randen, Neil A.

PA Minnesota Mining and Mfg. Co. , USA

SO U.S., 10 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 4552755	A	19851112	US 1984-611730 19840518
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AB Oil-sol. **acrylate** polymers improve the substantivity to skin of conventional oil-in-water **emulsion** moisturizing cosmetics, i.e., the cosmetics are not readily removed by water or by abrasion. Thus, a compn. contained **isoctyl acrylate-acrylic** acid copolymer 3.00, myristyl propionate propoxylate 2.50, iso-Pr palmitate 2.25, mineral oil 2.00, dicapryl adipate 2.00, **stearyl** alc. propoxylate 1.50, cetyl **stearyl** alc. 0.85, coconut oil 0.65, cocoa butter 0.25, polydimethylsiloxane 0.25; propylparaben 0.10, glyceryl tallowate ethoxylate 3.00, water 72.50, propylene glycol 3.00, Aloe vera gel 3.00, colloidal Mg Al silicate 2.00, hydroxyethylcellulose 0.50, 1,3-dimethylol-5,5-dimethylhydantoin 0.30, methylparaben 0.20, and fragrance 0.15% by wt.

IT 9036-63-9 100602-28-6

RL: BIOL (Biological study)
(skin-moisturing cosmetic contg., for improved substantivity)

RN 9036-63-9 HCPLUS

CN 2-Propenoic acid, isoctyl ester, homopolymer (9CI) (CA INDEX NAME)

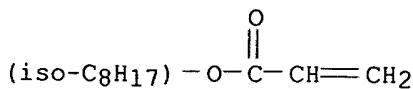
CM 1

CRN 29590-42-9

CMF C11 H2O O2

CCI IDS

CDES 8:ID,ISO



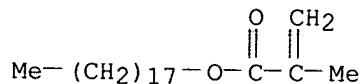
RN 100602-28-6 HCPLUS

CN 2-Propenoic acid, 2-methyl-, octadecyl ester, polymer with isoctyl 2-propenoate (9CI) (CA INDEX NAME)

CM 1

CRN 32360-05-7

CMF C22 H42 O2



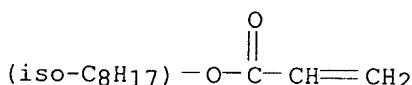
CM 2

CRN 29590-42-9

CMF C11 H20 O2

CCI IDS

CDES 8:ID, ISO



L141 ANSWER 25 OF 25 HCPLUS COPYRIGHT 2002 ACS

AN 1985:226079 HCPLUS

DN 102:226079

TI Adhesive and adhesive-coated sheet material for moist skin

IN Snyder, William R.; Spence, Cheryl L.

PA Minnesota Mining and Mfg. Co., USA

SO PCT Int. Appl., 49 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 8403837	A1	19841011	WO 1984-US506	19840406
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W: AU, BR, JP

RW: AT, BE, CH, DE, FR, GB, LU, NL, SE

AU 8428609	A1	19841025	AU 1984-28609	19840406
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BR 8406510	A	19850312	BR 1984-6510	19840406
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EP 140941	A1	19850515	EP 1984-901684	19840406
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R: AT, BE, CH, DE, FR, GB, LI, LU, NL, SE

JP 60500992	T2	19850704	JP 1984-501752	19840406
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PRAI US 1983-482991		19830407		
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WO 1984-US506		19840406		
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AB A pressure sensitive adhesive and adhesive-coated sheet exhibiting an initial dry skin adhesion of .gtoreq. .apprx.0.75 N/100 mm of width, a dry skin adhesion after 48 h of .ltoreq. .apprx.12 N/100 mm width and a moist skin adhesion of .gtoreq. 2.2 N/100 mm width comprises a hydrophobic

monomeric acrylate ester of a polyoxyalkylene, a hydrophilic vinyl monomer such as acrylates, and a polar monomer. A no. of polyoxyalkylene acrylates were prep'd., e.g., methoxypoly(ethylene oxide) acrylate (I) [32171-39-4]. Also a large no. of polymers were prep'd. including isoctyl acrylate-I-acrylic acid copolymer (80:5:15) [96529-26-9] which had an inherent viscosity of 0.73, initial dry skin adhesion of 1.2, adhesion after 48 h of 2.3, and moist skin adhesion of 3.6 N/100 mm width dry skin. Adhesive-coated sheet materials were prep'd. by coating a soln. of the pressure-sensitive adhesive onto a silicone-treated release paper, drying, and then laminating a conventional nonwoven web of rayon staple fibers bonded with an acrylic latex binder to the semi-dry adhesive coating. The laminate was then dried.

IT 9078-95-9P 26915-72-0P 32171-39-4P

51247-77-9P

RL: RCT (Reactant); PREP (Preparation)
(prepn. and polymn. of)

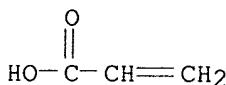
RN 9078-95-9 HCPLUS

CN Oxirane, methyl-, polymer with oxirane, mono-2-propenoate, butyl ether (9CI) (CA INDEX NAME)

CM 1

CRN 79-10-7

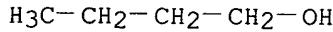
CMF C3 H4 O2



CM 2

CRN 71-36-3

CMF C4 H10 O



CM 3

CRN 9003-11-6

CMF (C3 H6 O . C2 H4 O)x

CCI PMS

CM 4

CRN 75-56-9

CMF C3 H6 O



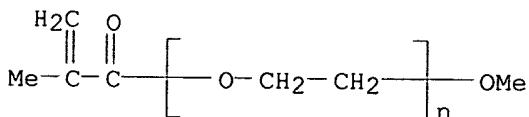
CH3

CM 5

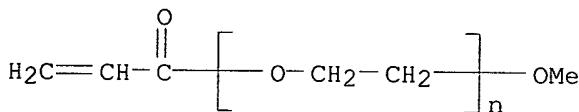
CRN 75-21-8
 CMF C2 H4 O



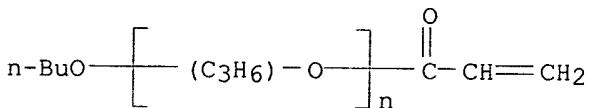
RN 26915-72-0 HCPLUS
 CN Poly(oxy-1,2-ethanediyl), .alpha.- (2-methyl-1-oxo-2-propenyl)-.omega.-methoxy- (9CI) (CA INDEX NAME)



RN 32171-39-4 HCPLUS
 CN Poly(oxy-1,2-ethanediyl), .alpha.- (1-oxo-2-propenyl)-.omega.-methoxy- (9CI) (CA INDEX NAME)



RN 51247-77-9 HCPLUS
 CN Poly[oxy(methyl-1,2-ethanediyl)], .alpha.- (1-oxo-2-propenyl)-.omega.-butoxy- (9CI) (CA INDEX NAME)



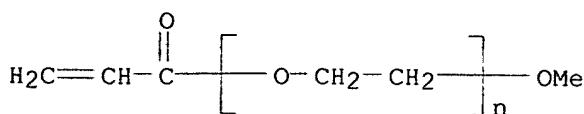
IT 96527-42-3P 96527-43-4P 96527-44-5P
 96529-20-3P 96529-21-4P 96529-22-5P
 96529-23-6P 96529-24-7P 96529-25-8P
 96529-26-9P 96529-27-0P 96537-59-6P
 96542-70-0P 96613-21-7P
 RL: PREP (Preparation)

(prepn. of, as surgical adhesive, for moist skin)

RN 96527-42-3 HCPLUS
 CN 2-Propenoic acid, polymer with 2-ethylhexyl 2-propenoate and .alpha.- (1-oxo-2-propenyl)-.omega.-methoxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

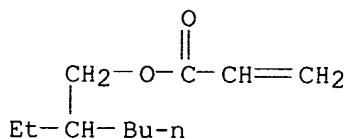
CM 1

CRN 32171-39-4
 CMF (C2 H4 O)n C4 H6 O2
 CCI PMS



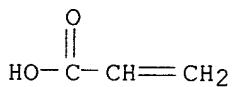
CM 2

CRN 103-11-7
 CMF C11 H20 O2



CM 3

CRN 79-10-7
 CMF C3 H4 O2

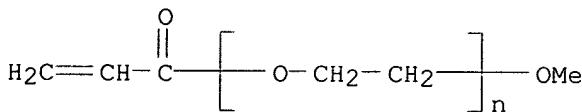


RN 96527-43-4 HCAPLUS

CN 2-Propenoic acid, polymer with butyl 2-propenoate and .alpha.- (1-oxo-2-propenyl)-.omega.-methoxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

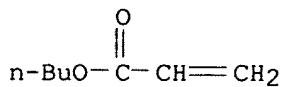
CM 1

CRN 32171-39-4
 CMF (C2 H4 O)n C4 H6 O2
 CCI PMS

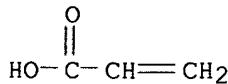


CM 2

CRN 141-32-2
 CMF C7 H12 O2

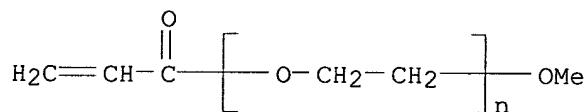


CM 3

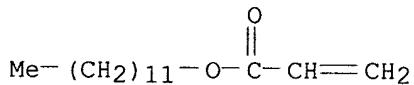
CRN 79-10-7
CMF C3 H4 O2

RN 96527-44-5 HCAPLUS
 CN 2-Propenoic acid, polymer with dodecyl 2-propenoate and
 .alpha.- (1-oxo-2-propenyl)-.omega.-methoxypoly(oxy-1,2-ethanediyl) (9CI)
 (CA INDEX NAME)

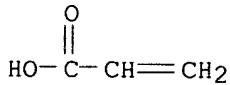
CM 1

CRN 32171-39-4
CMF (C₂ H₄ O)_n C₄ H₆ O₂
CCI PMS

CM 2

CRN 2156-97-0
CMF C₁₅ H₂₈ O₂

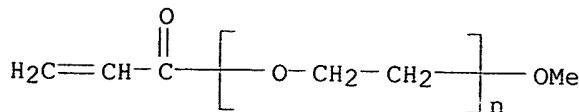
CM 3

CRN 79-10-7
CMF C3 H4 O2

RN 96529-20-3 HCAPLUS
 CN 2-Propenoic acid, 2-methyl-, polymer with isooctyl 2-propenoate and
 .alpha.- (1-oxo-2-propenyl)-.omega.-methoxypoly(oxy-1,2-ethanediyl) (9CI)
 (CA INDEX NAME)

CM 1

CRN 32171-39-4
CMF (C₂ H₄ O)_n C₄ H₆ O₂
CCI PMS



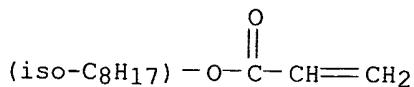
CM 2

CRN 29590-42-9

CMF C11 H20 O2

CCI IDS

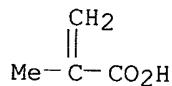
CDES 8:ID, ISO



CM 3

CRN 79-41-4

CMF C4 H6 O2



RN 96529-21-4 HCAPLUS

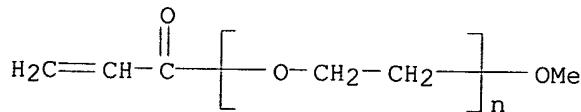
CN 2-Propenoic acid, isoctyl ester, polymer with 2-methyl-2-propenamide and .alpha.- (1-oxo-2-propenyl)-.omega.-methoxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

CM 1

CRN 32171-39-4

CMF (C₂ H₄ O)_n C4 H6 O2

CCI PMS



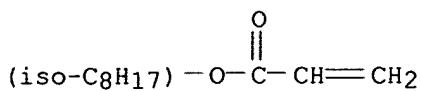
CM 2

CRN 29590-42-9

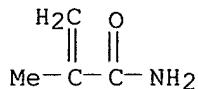
CMF C11 H20 O2

CCI IDS

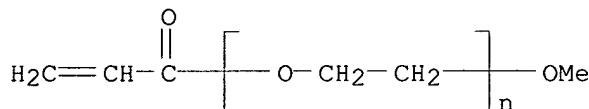
CDES 8:ID, ISO



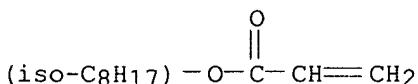
CM 3

CRN 79-39-0
CMF C4 H7 N ORN 96529-22-5 HCAPLUS
CN 2-Propenoic acid, isoctyl ester, polymer with .alpha.- (1-oxo-2-propenyl)-.omega.-methoxypoly(oxy-1,2-ethanediyl) and 2-propenamide (9CI) (CA INDEX NAME)

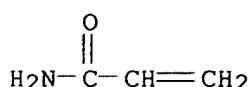
CM 1

CRN 32171-39-4
CMF (C2 H4 O)n C4 H6 O2
CCI PMS

CM 2

CRN 29590-42-9
CMF C11 H20 O2
CCI IDS
CDES 8:ID, ISO

CM 3

CRN 79-06-1
CMF C3 H5 N O

RN 96529-23-6 HCAPLUS

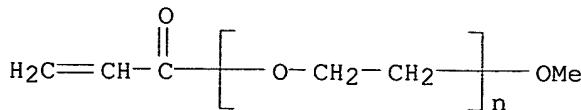
CN 2-Propenoic acid, isoctyl ester, polymer with N-(1,1-dimethylethyl)-2-propenamide and .alpha.-(1-oxo-2-propenyl)-.omega.-methoxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

CM 1

CRN 32171-39-4

CMF (C₂ H₄ O)_n C₄ H₆ O₂

CCI PMS



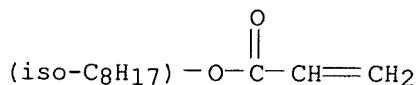
CM 2

CRN 29590-42-9

CMF C₁₁ H₂₀ O₂

CCI IDS

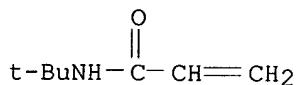
CDES 8:ID, ISO



CM 3

CRN 107-58-4

CMF C₇ H₁₃ N O



RN 96529-24-7 HCPLUS

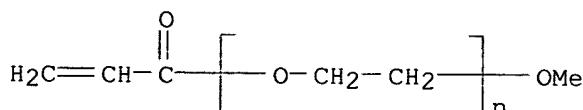
CN Butanedioic acid, methylene-, polymer with isoctyl 2-propenoate and .alpha.-(1-oxo-2-propenyl)-.omega.-methoxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

CM 1

CRN 32171-39-4

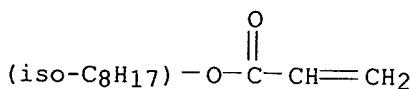
CMF (C₂ H₄ O)_n C₄ H₆ O₂

CCI PMS



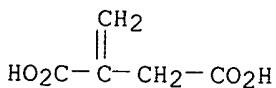
CM 2

CRN 29590-42-9
 CMF C11 H20 O2
 CCI IDS
 CDES 8:ID, ISO



CM 3

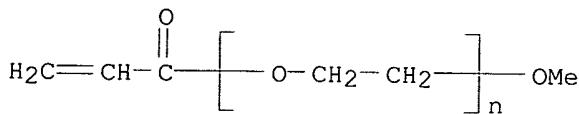
CRN 97-65-4
 CMF C5 H6 O4



RN 96529-25-8 HCPLUS
 CN 2-Propenoic acid, isoctyl ester, polymer with 1-ethenyl-2-pyrrolidinone and .alpha.-(1-oxo-2-propenyl)-.omega.-methoxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

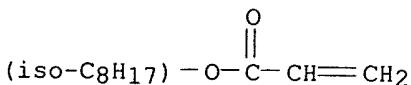
CM 1

CRN 32171-39-4
 CMF (C2 H4 O)n C4 H6 O2
 CCI PMS



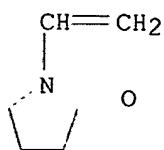
CM 2

CRN 29590-42-9
 CMF C11 H20 O2
 CCI IDS
 CDES 8:ID, ISO



CM 3

CRN 88-12-0
 CMF C6 H9 N O



RN 96529-26-9 HCPLUS

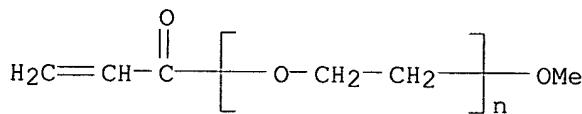
CN 2-Propenoic acid, polymer with isooctyl 2-propenoate and
.alpha.- (1-oxo-2-propenyl)-.omega.-methoxypoly(oxy-1,2-ethanediyl) (9CI)
(CA INDEX NAME)

CM 1

CRN 32171-39-4

CMF (C2 H4 O)n C4 H6 O2

CCI PMS



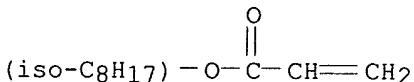
CM 2

CRN 29590-42-9

CMF C11 H20 O2

CCI IDS

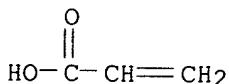
CDES 8:ID, ISO



CM 3

CRN 79-10-7

CMF C3 H4 O2



RN 96529-27-0 HCPLUS

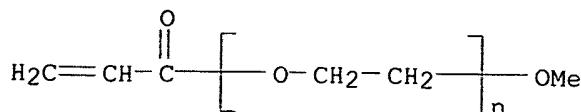
CN 2-Propenoic acid, polymer with butyl 2-propenoate, isooctyl 2-propenoate
and .alpha.- (1-oxo-2-propenyl)-.omega.-methoxypoly(oxy-1,2-ethanediyl)
(9CI) (CA INDEX NAME)

CM 1

CRN 32171-39-4

CMF (C2 H4 O)n C4 H6 O2

CCI PMS



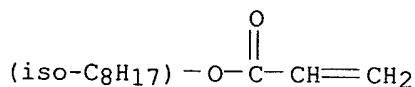
CM 2

CRN 29590-42-9

CMF C11 H20 O2

CCI IDS

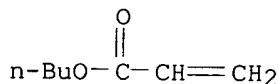
CDES 8:ID, ISO



CM 3

CRN 141-32-2

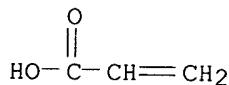
CMF C7 H12 O2



CM 4

CRN 79-10-7

CMF C3 H4 O2



RN 96537-59-6 HCAPLUS

CN 2-Propenoic acid, polymer with isoctyl 2-propenoate and methyloxirane polymer with oxirane mono-2-propenoate butyl ether (9CI) (CA INDEX NAME)

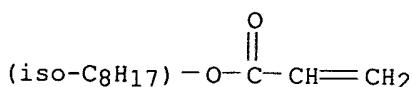
CM 1

CRN 29590-42-9

CMF C11 H20 O2

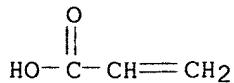
CCI IDS

CDES 8:ID, ISO



CM 2

CRN 79-10-7
 CMF C3 H4 O2

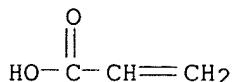


CM 3

CRN 9078-95-9
 CMF C4 H10 O . (C3 H6 O . C2 H4 O)x . C3 H4 O2
 CDES 8:GD,ESTER,ETHER

CM 4

CRN 79-10-7
 CMF C3 H4 O2



CM 5

CRN 71-36-3
 CMF C4 H10 O

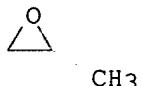
H₃C—CH₂—CH₂—CH₂—OH

CM 6

CRN 9003-11-6
 CMF (C3 H6 O . C2 H4 O)x
 CCI PMS

CM 7

CRN 75-56-9
 CMF C3 H6 O



CM 8

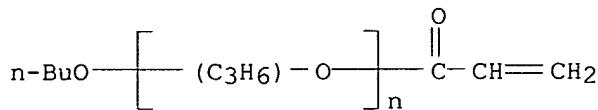
CRN 75-21-8
 CMF C2 H4 O



RN 96542-70-0 HCAPLUS
 CN 2-Propenoic acid, polymer with isooctyl 2-propenoate and
 .alpha.- (1-oxo-2-propenyl)-.omega.-butoxypoly[oxy(methyl-1,2-ethanediyl)]
 (9CI) (CA INDEX NAME)

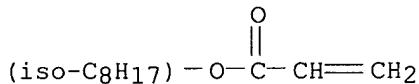
CM 1

CRN 51247-77-9
 CMF (C₃ H₆ O)_n C₇ H₁₂ O₂
 CCI IDS, PMS
 CDES 8:ID



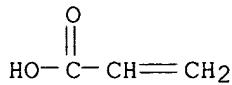
CM 2

CRN 29590-42-9
 CMF C₁₁ H₂₀ O₂
 CCI IDS
 CDES 8:ID, ISO



CM 3

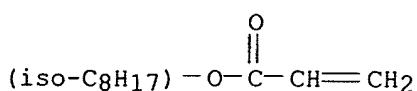
CRN 79-10-7
 CMF C₃ H₄ O₂



RN 96613-21-7 HCAPLUS
 CN 2-Propenoic acid, polymer with isooctyl 2-propenoate and
 .alpha.- (2-methyl-1-oxo-2-propenyl)-.omega.-methoxypoly(oxy-1,2-
 ethanediyl) (9CI) (CA INDEX NAME)

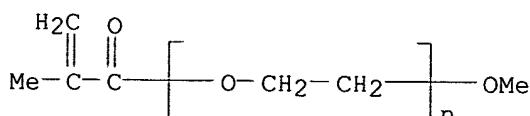
CM 1

CRN 29590-42-9
 CMF C₁₁ H₂₀ O₂
 CCI IDS
 CDES 8:ID, ISO



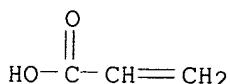
CM 2

CRN 26915-72-0
 CMF (C₂ H₄ O)_n C₅ H₈ O₂
 CCI PMS



CM 3

CRN 79-10-7
 CMF C₃ H₄ O₂



=> fil reg
 FILE 'REGISTRY' ENTERED AT 09:16:30 ON 24 APR 2002
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2002 American Chemical Society (ACS)

STRUCTURE FILE UPDATES: 22 APR 2002 HIGHEST RN 406672-48-8
 DICTIONARY FILE UPDATES: 22 APR 2002 HIGHEST RN 406672-48-8

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when
 conducting SmartSELECT searches.

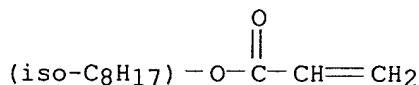
Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES
 for more information. See STNote 27, Searching Properties in the CAS
 Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> d ide can tot 1142

L142 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2002 ACS
 RN 29590-42-9 REGISTRY
 CN 2-Propenoic acid, isoctyl ester (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Acrylic acid, isoctyl ester (6CI, 8CI)
 OTHER NAMES:

CN Isooctyl acrylate
 CN SR 440
 DR 159474-76-7
 MF C11 H20 O2
 CI IDS, COM
 LC STN Files: BIOSIS, CA, CANCERLIT, CAOLD, CAPLUS, CHEMCATS, CHEMLIST,
 CSCHEM, CSNB, IFICDB, IFIPAT, IFIUDB, MEDLINE, MSDS-OHS, NIOSHTIC,
 PROMT, RTECS*, TOXCENTER, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



103 REFERENCES IN FILE CA (1967 TO DATE)
 51 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 103 REFERENCES IN FILE CAPLUS (1967 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 136:233658
 REFERENCE 2: 136:201910
 REFERENCE 3: 136:168721
 REFERENCE 4: 136:168695
 REFERENCE 5: 136:71120
 REFERENCE 6: 135:304907
 REFERENCE 7: 135:289852
 REFERENCE 8: 135:289833
 REFERENCE 9: 135:258620
 REFERENCE 10: 135:200513

L142 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2002 ACS
 RN 9036-63-9 REGISTRY
 CN 2-Propenoic acid, isooctyl ester, homopolymer (9CI) (CA INDEX
 NAME)

OTHER CA INDEX NAMES:

CN Acrylic acid, isooctyl ester, polymers (8CI)

OTHER NAMES:

CN Isooctyl acrylate homopolymer

CN Isooctyl acrylate polymer

CN Poly(isooctyl acrylate)

MF (C11 H20 O2)x

CI PMS

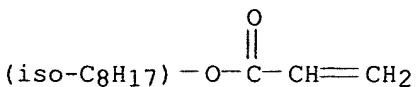
PCT Polyacrylic

LC STN Files: CA, CAPLUS, CHEMCATS, CHEMLIST, CSCHEM, IFICDB, IFIPAT,
 IFIUDB, USPATFULL

Other Sources: NDSL**, TSCA**

 (**Enter CHEMLIST File for up-to-date regulatory information)

CRN 29590-42-9
 CMF C11 H20 O2
 CCI IDS



51 REFERENCES IN FILE CA (1967 TO DATE)
 51 REFERENCES IN FILE CAPLUS (1967 TO DATE)

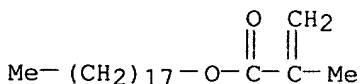
REFERENCE 1: 136:135925
 REFERENCE 2: 132:251900
 REFERENCE 3: 132:153996
 REFERENCE 4: 131:342012
 REFERENCE 5: 131:341838
 REFERENCE 6: 131:318955
 REFERENCE 7: 131:145276
 REFERENCE 8: 130:238472
 REFERENCE 9: 130:230004
 REFERENCE 10: 129:182065

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L143 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2002 ACS
 RN 116697-32-6 REGISTRY
 CN 2-Propenoic acid, 2-methyl-, octadecyl ester, homopolymer, isotactic
 (9CI) (CA INDEX NAME)
 MF (C₂₂ H₄₂ O₂)_x
 CI PMS
 PCT Polyacrylic
 SR CA
 LC STN Files: CA, CAPLUS

CM 1

CRN 32360-05-7
 CMF C₂₂ H₄₂ O₂

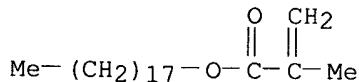


3 REFERENCES IN FILE CA (1967 TO DATE)
 3 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 115:257185
 REFERENCE 2: 115:257084

REFERENCE 3: 109:150425

L143 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2002 ACS
 RN 32360-05-7 REGISTRY
 CN 2-Propenoic acid, 2-methyl-, octadecyl ester (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Methacrylic acid, octadecyl ester (6CI, 8CI)
 OTHER NAMES:
 CN Acryester S
 CN Blemmer SMA
 CN Light Ester S
 CN NK Ester S
 CN Octadecyl methacrylate
 CN SR 324
 CN SR 324 (methacrylate)
 CN Stearyl methacrylate
 FS 3D CONCORD
 DR 167633-23-0, 112-08-3, 55778-34-2, 59471-20-4
 MF C22 H42 O2
 CI COM
 LC STN Files: BEILSTEIN*, BIOBUSINESS, CA, CAOLD, CAPLUS, CASREACT,
 CHEMCATS, CHEMLIST, CIN, CSCHEM, HODOC*, IFICDB, IFIPAT, IFIUDB, PIRA,
 PROMT, TOXCENTER, ULIDAT, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

386 REFERENCES IN FILE CA (1967 TO DATE)
 180 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 386 REFERENCES IN FILE CAPLUS (1967 TO DATE)
 7 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 136:233045

REFERENCE 2: 136:215641

REFERENCE 3: 136:205479

REFERENCE 4: 136:201609

REFERENCE 5: 136:167719

REFERENCE 6: 136:71277

REFERENCE 7: 136:14499

REFERENCE 8: 135:358460

REFERENCE 9: 135:348046

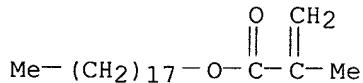
REFERENCE 10: 135:262223

L143 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2002 ACS

RN 25639-21-8 REGISTRY
 CN 2-Propenoic acid, 2-methyl-, octadecyl ester, homopolymer (9CI)
 (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Methacrylic acid, octadecyl ester, polymers (8CI)
 OTHER NAMES:
 CN Octadecyl methacrylate graft homopolymer
 CN Octadecyl methacrylate homopolymer
 CN Octadecyl methacrylate polymer
 CN Poly(n-octadecyl methacrylate)
 CN Poly(octadecyl methacrylate)
 CN Poly(stearyl methacrylate)
 CN Stearyl methacrylate homopolymer
 DR 138232-65-2, 181123-70-6
 MF (C₂₂ H₄₂ O₂)_x
 CI PMS, COM
 PCT Polyacrylic
 LC STN Files: CA, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHEM, IFICDB, IFIPAT,
 IFIUDB, PIRA, PROMT, TOXCENTER, USPATFULL
 Other Sources: NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

CM 1

CRN 32360-05-7
 CMF C₂₂ H₄₂ O₂



311 REFERENCES IN FILE CA (1967 TO DATE)
 45 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 311 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 136:172844
 REFERENCE 2: 136:167869
 REFERENCE 3: 136:49888
 REFERENCE 4: 136:38777
 REFERENCE 5: 135:358460
 REFERENCE 6: 135:181251
 REFERENCE 7: 135:117235
 REFERENCE 8: 135:46774
 REFERENCE 9: 134:334278
 REFERENCE 10: 134:325264

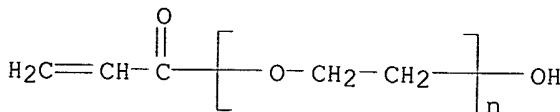
=> d ide can tot 1144

L144 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2002 ACS
 RN 26403-58-7 REGISTRY
 CN Poly(oxy-1,2-ethanediyl), .alpha.- (1-oxo-2-propenyl)-.omega.-hydroxy-

(9CI) (CA INDEX NAME)

OTHER NAMES:

CN AE 90
CN Blemmer AE 200
CN Blemmer AE 350
CN Blemmer AP 350
CN Polyethylene glycol acrylate
CN Polyethylene glycol monoacrylate
CN RMH 1053
DR 165593-59-9, 129342-51-4, 295366-02-8
MF (C₂ H₄ O)_n C₃ H₄ O₂
CI PMS, COM
PCT Polyether
LC STN Files: BIOBUSINESS, BIOSIS, CA, CAPLUS, CHEMCATS, CHEMLIST, CSCHEM, IFICDB, IFIPAT, IFIUDB, TOXCENTER, USPATFULL
Other Sources: TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)



176 REFERENCES IN FILE CA (1967 TO DATE)
75 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
176 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE	1:	136:234631
REFERENCE	2:	136:25042
REFERENCE	3:	136:2508
REFERENCE	4:	135:264562
REFERENCE	5:	135:167142
REFERENCE	6:	135:78555
REFERENCE	7:	134:331678
REFERENCE	8:	134:297231
REFERENCE	9:	134:242720
REFERENCE	10:	134:223194

L144 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2002 ACS

RN 25736-86-1 REGISTRY

CN Poly(oxy-1,2-ethanediyl), .alpha.- (2-methyl-1-oxo-2-propenyl)-.omega.-hydroxy- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Glycols, polyethylene, monomethacrylate (8CI)

CH Cis-1,4-polyethylene, monomethacrylate (8CI)
CN Methacrylic acid, monoester with polyethylene glycol (8CI)

ON HEEHAEI
OTHER NAMES:

OTHER NAMES:

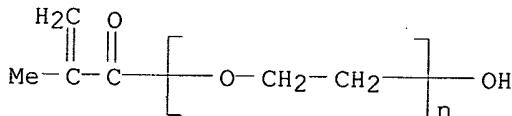
CN BISOMER 350

CN BISOMER PE
CN Blommex PE

CN Blammar PE

CN Blommér PE 200

CN Blemmer PE 90
 CN Blemmer PEG 300
 CN Blemmer PME 2000
 CN HEM 10
 CN HEM 5
 CN MA 100
 CN MA 100 (polyoxyalkylene)
 CN MA 100A
 CN MA 50
 CN MA 50 (polyoxyalkylene)
 CN New Frontier NF-Bisomer PEM 6E
 CN NK Ester M 900G
 CN PM 350G
 CN PM 90G
 CN Polyethylene glycol methacrylate
 CN Polyethylene glycol monomethacrylate
 CN PP 1000
 CN Sipomer HEM 20
 DR 164916-20-5, 162774-76-7, 162774-77-8, 129997-87-1, 133184-08-4,
 97429-31-7, 103285-00-3, 152824-98-1, 118601-61-9, 156932-46-6,
 181319-32-4, 191219-71-3, 320618-60-8
 MF (C₂ H₄ O)_n C₄ H₆ O₂
 CI PMS, COM
 PCT Polyether
 LC STN Files: BIOBUSINESS, BIOSIS, CA, CAPLUS, CASREACT, CHEMCATS,
 CHEMLIST, CIN, CSCHEM, IFICDB, IFIPAT, IFIUDB, IPA, PROMT, TOXCENTER,
 USPATFULL, VTB
 Other Sources: NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



396 REFERENCES IN FILE CA (1967 TO DATE)
 144 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 396 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 136:263638
 REFERENCE 2: 136:234631
 REFERENCE 3: 136:184088
 REFERENCE 4: 136:106323
 REFERENCE 5: 136:89780
 REFERENCE 6: 136:87301
 REFERENCE 7: 136:20043
 REFERENCE 8: 135:293892
 REFERENCE 9: 135:289894
 REFERENCE 10: 135:264562

CN Poly(oxy-1,2-ethanediyl), .alpha.- (1-oxo-2-propenyl)-.omega.-hydroxy-, homopolymer (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Poly(ethylene glycol acrylate)

CN Polyethylene glycol monoacrylate homopolymer

MF $((C_2 H_4 O)_n C_3 H_4 O_2)_x$

CI PMS

PCT Polyacrylic, Polyether

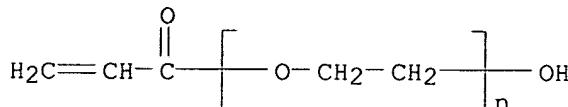
LC STN Files: CA, CAPLUS, CHEMCATS, CHEMLIST, CSCHEM, IFICDB, IFIPAT, IFIUDB, USPATFULL

CM 1

CRN 26403-58-7

CMF $(C_2 H_4 O)_n C_3 H_4 O_2$

CCI PMS



15 REFERENCES IN FILE CA (1967 TO DATE)

4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

15 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 134:223194

REFERENCE 2: 131:123892

REFERENCE 3: 117:192442

REFERENCE 4: 116:155475

REFERENCE 5: 115:51438

REFERENCE 6: 114:103867

REFERENCE 7: 110:31320

REFERENCE 8: 98:181013

REFERENCE 9: 98:113758

REFERENCE 10: 94:158227

L144 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2002 ACS

RN 9016-69-7 REGISTRY

CN Poly(oxy-1,2-ethanediyl), .alpha.- (2-methyl-1-oxo-2-propenyl)-.omega.-hydroxy, homopolymer (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Polyethylene glycol monomethacrylate homopolymer

MF $((C_2 H_4 O)_n C_4 H_6 O_2)_x$

CI PMS, COM

PCT Polyacrylic, Polyether

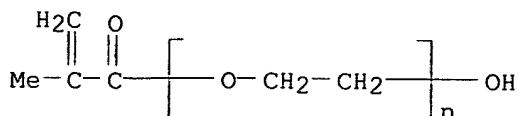
LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 25736-86-1

CMF $(C_2 H_4 O)_n C_4 H_6 O_2$

CCI PMS



50 REFERENCES IN FILE CA (1967 TO DATE)
 8 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 50 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 135:211565

REFERENCE 2: 135:138721

REFERENCE 3: 135:21865

REFERENCE 4: 132:94450

REFERENCE 5: 132:94449

REFERENCE 6: 131:324556

REFERENCE 7: 131:98895

REFERENCE 8: 131:20265

REFERENCE 9: 130:155941

REFERENCE 10: 130:96951

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L66 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS

RN 100602-28-6 REGISTRY

CN 2-Propenoic acid, 2-methyl-, octadecyl ester, polymer with isooctyl 2-propenoate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Propenoic acid, isooctyl ester, polymer with octadecyl 2-methyl-2-propenoate (9CI)

MF (C22 H42 O2 . C11 H20 O2)x

CI PMS

PCT Polyacrylic

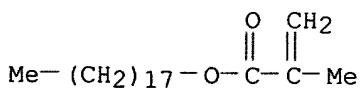
SR CA

LC STN Files: CA, CAPLUS, USPATFULL

CM 1

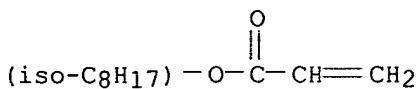
CRN 32360-05-7

CMF C22 H42 O2



CM 2

CRN 29590-42-9
 CMF C11 H20 O2
 CCI IDS



2 REFERENCES IN FILE CA (1967 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 116:153995

REFERENCE 2: 104:95271

=> d ide can 174

L74 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS
 RN 25322-68-3 REGISTRY
 CN Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy- (9CI) (CA INDEX
 NAME)

OTHER NAMES:

CN .alpha.,.omega.-Hydroxypoly(ethylene oxide)
 CN .alpha.-Hydro-.omega.-hydroxypoly(oxy-1,2-ethanediyl)
 CN .alpha.-Hydro-.omega.-hydroxypoly(oxyethylene)
 CN 1,2-Ethanediol, homopolymer
 CN 16600
 CN 1660S
 CN 57: PN: WO0185782 FIGURE: 18 claimed sequence
 CN Alkox
 CN Alkox E 100
 CN Alkox E 130
 CN Alkox E 160
 CN Alkox E 240
 CN Alkox E 30
 CN Alkox E 45
 CN Alkox E 60
 CN Alkox E 75
 CN Alkox R 1000
 CN Alkox R 15
 CN Alkox R 150
 CN Alkox R 400
 CN Alkox SR
 CN Antarox E 4000
 CN Aquacide III
 CN Aquaffin
 CN Badimol
 CN BDH 301
 CN Bradsyn PEG
 CN Breox 2000
 CN Breox 20M
 CN Breox 4000
 CN Breox 550
 CN Breox PEG 300
 CN CAFO 154
 CN Carbowax
 CN Carbowax 100
 CN Carbowax 1000
 CN Carbowax 1350
 CN Carbowax 14000

CN Carbowax 1500
 CN Carbowax 1540
 CN Carbowax 20
 CN Carbowax 200
 CN Carbowax 20000
 CN Carbowax 25000
 CN Carbowax 300
 CN Carbowax 3350
 CN Carbowax 400
 CN Carbowax 4000
 CN Carbowax 4500
 CN Carbowax 4600

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
 DISPLAY

AR 9002-90-8

DR 12676-74-3, 12770-93-3, 9081-95-2, 9085-02-3, 9085-03-4, 54510-95-1,
 125223-68-9, 54847-64-2, 59763-40-5, 64441-68-5, 64640-28-4, 133573-31-6,
 25104-58-9, 25609-81-8, 134919-43-0, 101677-86-5, 99264-61-6, 106186-24-7,
 112895-21-3, 114323-93-2, 50809-04-6, 50809-59-1, 119219-06-6, 60894-12-4,
 61840-14-0, 37361-15-2, 112384-37-9, 70926-57-7, 75285-02-8, 75285-03-9,
 77986-38-0, 150872-82-5, 154394-38-4, 79964-26-4, 80341-53-3, 85399-22-0,
 85945-29-5, 88747-22-2, 34802-42-1, 107502-63-6, 107529-96-4, 116549-90-7,
 156948-19-5, 169046-53-1, 188364-77-4, 188924-03-0, 189154-62-9,
 191743-71-2, 201163-43-1, 206357-86-0, 221638-71-7, 225502-44-3,
 270910-26-4, 307928-07-0, 356055-70-4, 391229-98-4

MF (C₂ H₄ O)_n H₂ O

CI PMS, COM

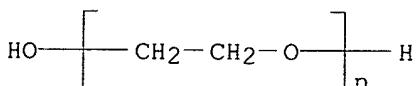
PCT Polyether

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO,
 CA, CABA, CANCERLIT, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM*,
 DIOGENES, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2,
 HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC,
 PDLCOM*, PIRA, PROMT, RTECS*, SPECINFO, TOXCENTER, TULSA, ULIDAT, USAN,
 USPAT2, USPATFULL, VETU, VTB

(*File contains numerically searchable property data)

Other Sources: DSL**, TSCA**, WHO

(**Enter CHEMLIST File for up-to-date regulatory information)



60867 REFERENCES IN FILE CA (1967 TO DATE)

16365 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

61013 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 136:272351

REFERENCE 2: 136:271715

REFERENCE 3: 136:271620

REFERENCE 4: 136:270520

REFERENCE 5: 136:270416

REFERENCE 6: 136:270415

REFERENCE 7: 136:269621

REFERENCE 8: 136:268697

REFERENCE 9: 136:268653

REFERENCE 10: 136:268234

=> d ide can 175

L75 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS
RN 25322-69-4 REGISTRY
CN Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-hydro-.omega.-hydroxy- (9CI)
(CA INDEX NAME)
OTHER NAMES:
CN .alpha.-Hydro-.omega.-hydroxypoly(oxypropylene)
CN 1,2-Epoxypropane polymer
CN 1,2-Propanediol, homopolymer
CN 1,2-Propylene glycol-propylene oxide polymer
CN 835E
CN Acclaim 2020
CN Acclaim 3200
CN Acclaim 8000
CN Acclaim DPP 12200
CN Actcol 51-530
CN Actcol MF 30
CN Actcol P 21
CN Actcol P 22
CN Actcol P 23
CN Actcol P 25
CN Adeka Carpol DL
CN Adeka Carpol DL 150
CN Adeka Carpol DL 80
CN Adeka Carpol M 110
CN Adeka P 1000
CN Adeka P 2000
CN Adeka P 3000
CN Adeka P 400
CN Adeka P 700
CN Alkapol PPG 4000
CN Arco R 2446
CN Arcol 1004
CN Arcol 1010
CN Arcol 1020
CN Arcol 2025
CN Arcol PPG 1025
CN Arcol PPG 2025
CN Arcol PPG 3025
CN Arcol PPG 425
CN Arcol PPG 725
CN Arcol R 1885
CN BP 18100
CN D 2000
CN D 300
CN D 400
CN D 7P
CN Desmophen 1600 U
CN Desmophen 1600U
CN Desmophen 360C
CN Desmophen L 800
CN Desmophen LP 112
CN Dianol 2210
CN Dielectrol VI
CN Diol 1000

CN Diol 2000

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for DISPLAY

AR 25266-78-8, 25989-03-1

DR 9003-15-0, 9079-22-5, 9079-23-6, 9087-30-3, 176742-37-3, 161278-03-1,
174206-36-1, 174722-18-0, 122392-88-5, 126906-04-5, 53528-82-8,
53863-41-5, 54500-36-6, 124631-70-5, 125147-71-9, 130842-36-3,
131649-30-4, 57137-06-1, 123687-98-9, 124448-74-4, 120468-96-4,
64176-87-0, 64940-80-3, 63279-07-2, 133439-62-0, 134092-40-3, 134192-23-7,
135355-02-1, 97199-67-2, 98444-52-1, 98913-22-5, 99130-49-1, 66988-34-9,
105844-84-6, 51019-30-8, 51568-92-4, 51922-49-7, 119652-85-6, 115450-63-0,
61090-28-6, 109489-48-7, 66174-27-4, 37231-68-8, 68821-81-8, 138704-46-8,
69900-45-4, 145699-74-7, 70992-51-7, 75139-15-0, 146024-61-5, 150825-72-2,
80408-02-2, 143710-19-4, 152287-82-6, 85497-31-0, 82548-17-2, 81774-53-0,
81774-61-0, 84420-39-3, 84503-25-3, 87608-88-6, 87940-78-1, 88025-94-9,
91218-84-7, 92094-60-5, 89126-79-4, 27274-27-7, 28724-27-8, 29434-03-5,
34465-52-6, 39465-43-5, 52309-41-8, 100357-60-6, 111146-16-8, 116958-46-4,
117968-93-1, 118441-48-8, 187954-99-0, 250380-45-1, 380912-66-3,
380912-82-3

MF (C₃H₆O)_nH₂O

CT IDS, PMS, COM

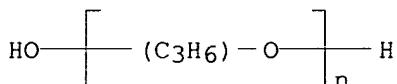
PCT Polyether

LC STN Files: AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DIOGENES, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS, NIOSHTIC, PIRA, PROMT, RTECS*, TOXCENTER, TULSA, ULIDAT, USPAT2, USPATFULL, VTB

(*File contains numerically searchable property data)

Other Sources: DSL**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)



10817 REFERENCES IN FILE CA (1967 TO DATE)

3962 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

10831 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 136:271620

REFERENCE 2: 136:268096

REFERENCE 3: 136:267913

REFERENCE 4: 136:266902

REFERENCE 5: 136:266643

REFERENCE 6: 136:265838

REFERENCE 7: 136:264262

REFERENCE 8: 136:263714

REFERENCE 9: 136:261833

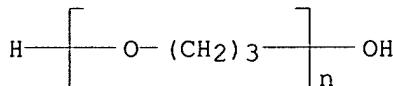
REFERENCE 10: 136:256349

=> d ide can 176 tot

L76 ANSWER 1 OF 5 REGISTRY COPYRIGHT 2002 ACS
 RN 181946-91-8 REGISTRY
 CN Poly(oxy-1,3-propanediyl), .alpha.-hydro-.omega.-hydroxy-, polymer with .alpha.-hydro-.omega.-hydroxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-, polymer with .alpha.-hydro-.omega.-hydroxypoly(oxy-1,3-propanediyl) (9CI)
 MF ((C3 H6 O)n H2 O . (C2 H4 O)n H2 O)x
 CI PMS
 PCT Polyether, Polyether formed
 SR CA
 LC STN Files: CA, CAPLUS

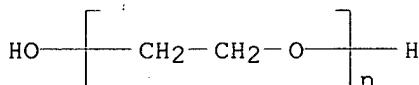
CM 1

CRN 31714-45-1
 CMF (C3 H6 O)n H2 O
 CCI PMS



CM 2

CRN 25322-68-3
 CMF (C2 H4 O)n H2 O
 CCI PMS



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 125:230185

L76 ANSWER 2 OF 5 REGISTRY COPYRIGHT 2002 ACS
 RN 126925-06-2 REGISTRY
 CN Oxirane, methyl-, polymer with oxirane, graft (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Oxirane, polymer with methyloxirane, graft (9CI)
 OTHER NAMES:
 CN Ethylene oxide-propylene oxide graft copolymer
 MF (C3 H6 O . C2 H4 O)x
 CI PMS
 PCT Polyether, Polyether formed
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

CM 1

CRN 75-56-9
 CMF C3 H6 O

CH₃

CM 2

CRN 75-21-8
 CMF C2 H4 O



5 REFERENCES IN FILE CA (1967 TO DATE)
 5 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 136:153933

REFERENCE 2: 128:277915

REFERENCE 3: 126:190004

REFERENCE 4: 126:132641

REFERENCE 5: 112:201916

L76 ANSWER 3 OF 5 REGISTRY COPYRIGHT 2002 ACS
 RN 125227-17-0 REGISTRY

CN Oxirane, methyl-, mixt. with oxirane (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:

CN Oxirane, mixt. contg. (9CI)

MF C3 H6 O . C2 H4 O

CI MXS

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

CM 1

CRN 75-56-9
 CMF C3 H6 O

CH₃

CM 2

CRN 75-21-8
 CMF C2 H4 O

o

2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 120:38224

REFERENCE 2: 116:135528

L76 ANSWER 4 OF 5 REGISTRY COPYRIGHT 2002 ACS

RN 106392-12-5 REGISTRY

CN Oxirane, methyl-, polymer with oxirane, block (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Adeka 25R1

CN Adeka 25R2

CN Adeka L 61

CN Adeka Pluronic F 108

CN Antarox 17R4

CN Antarox 25R2

CN Antarox B 25

CN Antarox F 108

CN Antarox F 68

CN Antarox F 88

CN Antarox F 88FL

CN Antarox L 61

CN Antarox L 72

CN Antarox P 104

CN Antarox P 84

CN Antarox SC 138

CN Arco Polyol R 2633

CN Arcol E 351

CN B 053

CN BASF-L 101

CN Block polyethylene-polypropylene glycol

CN Block polyoxyethylene-polyoxypropylene

CN Breox BL 19-10

CN Cirrasol ALN-WS

CN Crisvon Assistor SD 14

CN CRL 1005

CN CRL 1605

CN CRL 8131

CN CRL 8142

CN D 500

CN D 500 (polyglycol)

CN Daltocel F 460

CN Detalan

CN DO 97

CN Dowfax 30C05

CN ED 56

CN Empilan P 7068

CN Emulgen PP 230

CN EP 3028

CN Epan 485

CN Epan 710

CN Epan 785

CN Epan U 108

CN Ethylene glycol-propylene glycol block copolymer

CN Ethylene oxide-propylene oxide block copolymer

CN Ethylene oxide-propylene oxide block copolymer dipropylene glycol ether

CN Ethylene oxide-propylene oxide block polymer

CN Ethylene oxide-propylene oxide copolymer, block

CN F 108

CN F 127

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
DISPLAY

DR 11104-97-5, 163516-02-7, 124057-62-1, 121089-00-7, 96639-37-1, 96958-14-4,
99040-06-9, 106138-19-6, 113441-83-1, 115742-90-0, 108688-61-5,
108688-62-6, 37349-41-0, 70226-19-6, 72231-62-0, 77108-15-7, 80456-04-8,
144638-32-4, 83589-65-5, 86904-45-2, 106899-85-8, 107498-07-7,
108340-62-1, 188815-93-2, 211389-05-8, 355134-17-7

MF (C₃ H₆ O . C₂ H₄ O)x

CI PMS, COM

PCT Polyether, Polyether formed

SR CA

LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS,
BIOSIS, CA, CANCERLIT, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMLIST, CIN,
CSCHEM, DDFU, DIOGENES, DRUGNL, DRUGU, DRUGUPDATES, IPA, MEDLINE,
PDLCOM*, PHAR, PIRA, PROMT, RTECS*, TOXCENTER, USAN, USPAT2, USPATFULL
(*File contains numerically searchable property data)

CM 1

CRN 75-56-9

CMF C₃ H₆ O



CH₃

CM 2

CRN 75-21-8

CMF C₂ H₄ O



6266 REFERENCES IN FILE CA (1967 TO DATE)

650 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

6295 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 136:272133

REFERENCE 2: 136:272132

REFERENCE 3: 136:269722

REFERENCE 4: 136:268190

REFERENCE 5: 136:268134

REFERENCE 6: 136:267889

REFERENCE 7: 136:265735

REFERENCE 8: 136:264886

REFERENCE 9: 136:264872

REFERENCE 10: 136:264867

L76 ANSWER 5 OF 5 REGISTRY COPYRIGHT 2002 ACS
RN 9003-11-6 REGISTRY
CN Oxirane, methyl-, polymer with oxirane (9CI) (CA INDEX NAME)
OTHER NAMES:
CN .alpha.-Hydro-.omega.-hydroxy-poly(oxyethylene)-poly(oxypropylene)
CN 333E
CN 50MB-26X
CN 75H380000
CN 75H90000
CN Actcol MF 12
CN Actcol MF 18
CN Actinol P 3035
CN Adeka Carpol MH 150
CN Adeka Carpol MH 500
CN Adeka Carpol PH 2000
CN Adeka CM 294
CN Adeka L 31
CN Adeka PR 3007
CN Adekanol NP 1200
CN Arlatone F 127G
CN Balab 615
CN Berol 370
CN Berol 374
CN Berol TVM 370
CN Bloatguard
CN Breox 50A1000
CN Breox 75W270
CN BSP 5000
CN Carpol 2040
CN Carpol 2050
CN CE
CN CF 0802
CN CP 2000L
CN Desmophen 7100
CN Dezemulsionat E 96
CN Disfoam CC 222
CN Dissolvan 4411
CN Emkalyx EP 64
CN Emkalyx L 101
CN Emulgen PP
CN Emulgen PP 150
CN Emulgen PP 250
CN Emulgen PP 290
CN EP 1660
CN Epan 420
CN Epan 450
CN Epan 610
CN Epan 720
CN Epan 740
CN Epan 742
CN Epan 750
CN Epan U 102
CN Epan U 103
CN Epan U 105

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
DISPLAY

AR 53637-25-5
DR 12676-40-3, 12772-49-5, 9003-12-7, 9009-02-3, 9009-03-4, 9009-04-5,
9009-05-6, 9009-06-7, 9010-49-5, 9010-97-3, 9015-66-1, 9050-44-6,
9061-69-2, 9067-43-0, 167267-50-7, 168018-54-0, 163032-64-2, 163063-49-8,

162627-00-1, 172306-19-3, 53637-72-2, 57971-91-2, 58968-65-3, 56730-46-2,
 57219-38-2, 57571-70-7, 124057-63-2, 59494-33-6, 59794-22-8, 60328-61-2,
 64940-96-1, 66746-25-6, 106717-66-2, 50643-24-8, 51312-31-3, 51569-27-8,
 60976-75-2, 37211-19-1, 37211-20-4, 37211-21-5, 37211-22-6, 37211-23-7,
 37211-24-8, 37221-18-4, 37265-39-7, 37307-38-3, 37331-16-1, 37331-17-2,
 37341-81-4, 70213-25-1, 72319-37-0, 73158-62-0, 70644-95-0, 71343-56-1,
 77448-18-1, 77752-09-1, 76050-76-5, 86249-84-5, 86304-35-0, 81180-56-5,
 87912-55-8, 39277-80-0, 39316-56-8, 39316-57-9, 39364-13-1, 39387-54-7,
 208342-25-0, 232598-91-3, 250780-00-8, 254903-86-1, 291775-89-8,
 374624-82-5

MF (C3 H6 O . C2 H4 O)x

CI PMS, COM

PCT Polyether, Polyether formed

LC STN Files: AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA,
 CANCERLIT, CAPLUS, CASREACT, CBNB, CHEMLIST, CIN, CSCHEM, DDFU,
 DIOGENES, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2,
 IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PHAR,
 PIRA, PROMT, RTECS*, TOXCENTER, USAN, USPAT2, USPATFULL
 (*File contains numerically searchable property data)

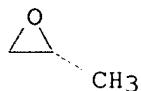
Other Sources: DSL**, TSCA**, WHO

(**Enter CHEMLIST File for up-to-date regulatory information)

CM 1

CRN 75-56-9

CMF C3 H6 O



CM 2

CRN 75-21-8

CMF C2 H4 O



7772 REFERENCES IN FILE CA (1967 TO DATE)

2479 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

7786 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 136:265579

REFERENCE 2: 136:265578

REFERENCE 3: 136:264647

REFERENCE 4: 136:264602

REFERENCE 5: 136:264400

REFERENCE 6: 136:263952

REFERENCE 7: 136:263898

REFERENCE 8: 136:262287

REFERENCE 9: 136:261833

REFERENCE 10: 136:259569

=> d his

(FILE 'HOME' ENTERED AT 07:31:19 ON 24 APR 2002)
SET COST OFFFILE 'HCAPLUS' ENTERED AT 07:31:35 ON 24 APR 2002
E MOSBEY D/AU

L1 2 S E4
E ELAN G/AU
E EIAN G/AU

L2 25 S E4-E6
E SCHOLZ M/AU

L3 230 S E3,E23,E25,E27,E29
E MALLO R/AU

L4 4 S E3,E4,E6
E LU L/AU

L5 345 S E3-E24
E LU LING/AU

L6 192 S E3-E30
E 3M/PA,CS

L7 3018 S E3,E4

L8 126 S (3 M)/PA,CS

L9 4150 S (MINN?(L)MIN?(L)MFG?)/PA,CS

L10 2981 S (MINN?(L)MIN?(L)MANUF?)/PA,CS

L11 11006 S L1-L10

L12 723 S L11 AND ?EMULS?
E EMULSION/CT
E E35+ALL

L13 35532 S E3+NT
E E24+ALL

L14 2442 S E7+NT
E E9+ALL

L15 15849 S E4+NT

L16 213 S L13-L15 AND L11

L17 723 S L12,L16

L18 6 S L17 AND (PEG OR PPG)

L19 22 S L17 AND (?ETHYLENEOXIDE? OR ?ETHYLENEGLYCOL? OR ?OXYETHYLENE?)

L20 58 S L17 AND (?ETHYLENE OXIDE? OR ?ETHYLENE GLYCOL? OR POLYOXY ETH)

L21 75 S L18-L20

L22 5 S L21 AND COSMETIC#/SC,SX,CW,BI

L23 162 S L17 AND ?VINYL?

L24 431 S L7 AND ?ACRYL?

L25 16 S L23,L24 AND L21

L26 7 S L25 AND ?ISOOCTYL?

L27 0 S L25 AND ?STEARYL?

L28 1 S L25 AND ?STEAR?

L29 8 S L25 NOT L26,L28
SEL RN L26

FILE 'REGISTRY' ENTERED AT 07:42:48 ON 24 APR 2002

L30 80 S E1-E80

L31 23 S L30 AND C2H4O

L32 3 S L30 AND C3H6O

L33 25 S L31,L32

L34 STR

L35 79010 S C2H4O

L36 45804 S C3H6O

L37 108520 S L35, L36
 L38 50 S L34 SAM SUB=L37
 L39 29523 S L34 FUL SUB=L37
 L40 STR L34
 L41 50 S L40 CSS SAM SUB=L39
 L42 18618 S L40 CSS FUL SUB=L39
 L43 14893 S L35 AND L42
 L44 14630 S L39 NOT L43
 L45 14 S L30 AND L39
 L46 1 S 187284-17-9
 L47 1 S 188308-96-5
 E (C2H4O)NC4H6O2/MF
 L48 5 S E3
 L49 2 S L48 AND PROPENYL
 L50 1 S 25736-86-1
 L51 1 S 29590-42-9
 L52 1 S 26403-58-7
 E C11H20O2/MF
 L53 3927 S E3
 L54 35 S L53 AND 2 PROPENOIC AND ESTER
 E STEARYL METHACRYLATE/CN
 L55 1 S E2
 L56 1 S 32360-05-7
 L57 954 S 29590-42-9/CRN
 L58 3571 S 32360-05-7/CRN
 L59 1372 S 25736-86-1/CRN
 L60 404 S 26403-58-7/CRN
 L61 8 S L57 AND L58
 L62 35 S L57 AND L59, L60
 L63 24 S L58 AND L59, L60
 L64 0 S L61 AND L62, L63
 L65 0 S L62 AND L63
 L66 1 S L61 AND 2/NC
 L67 59 S L62, L63
 L68 3 S L57 AND HOMOPOLYMER
 L69 1 S L68 AND 1/NC
 L70 14 S L58 AND HOMOPOLYMER
 L71 2 S L70 AND 1/NC
 L72 9 S L59, L60 AND HOMOPOLYMER
 L73 2 S L72 AND 1/NC
 L74 1 S 25322-68-3
 L75 1 S 25322-69-4
 L76 5 S 181946-91-8 OR 126925-06-2 OR 125227-17-0 OR 106392-12-5 OR 9
 L77 11 S L45 AND L57
 L78 0 S L45 AND L58
 L79 0 S L45 AND L59
 L80 8 S L45 AND L60
 L81 12 S L77, L80
 L82 2 S L45 NOT L81
 L83 1 S L82 NOT C6/ES
 L84 13 S L81, L83

FILE 'HCAPLUS' ENTERED AT 08:45:14 ON 24 APR 2002

L85 26 S L84
 L86 2 S L66
 L87 462 S L51 OR L69 OR L71
 L88 732 S ?ISOOCTYL ACRYL?
 L89 20 S ?ISOOCTYLACRYL?
 L90 1069 S L87-L89
 L91 685 S L56 OR L71
 L92 1352 S ?STEARYL METHACRYL? OR ?STEARYL METH ACRYL? OR ?STEARYLMETHAC
 L93 1715 S L91, L92
 L94 590 S L50 OR L52 OR L73

L95 15 S ?ETHYLENEGLYCOL MONOACRYL? OR ?ETHYLENEOXIDE MONOACRYL? OR ?O
 L96 370 S ?ETHYLENEGLYCOL ACRYL? OR ?ETHYLENEOXIDE ACRYL? OR ?OXYETHYLE
 L97 44 S ?ETHYLENEGLYCOL MONOMETHYACRYL? OR ?ETHYLENEOXIDE MONOMETHACR
 L98 431 S ?ETHYLENEGLYCOL METHYACRYL? OR ?ETHYLENEOXIDE METHACRYL? OR ?
 L99 122 S ?ETHYLENE GLYCOL METHYACRYL? OR ?ETHYLENE OXIDE METHACRYL?
 L100 15 S ?ETHYLENE GLYCOL MONOMETHYACRYL? OR ?ETHYLENE OXIDE MONOMETHA
 L101 955 S ?ETHYLENE GLYCOL ACRYL? OR ?ETHYLENE OXIDE ACRYL?
 L102 309 S ?ETHYLENE GLYCOL MONOACRYL? OR ?ETHYLENE OXIDE MONOACRYL?
 L103 357 S (POLYETHYLENEGLYCOL OR POLYETHYLENEOXIDE OR POLYOXYETHYLENE) (
 L104 1026 S POLYETHYLENE() (GLYCOL OR OXIDE) () (METHACRL? OR MONOMETHACRYL?
 L105 139 S POLY()ETHYLENE() (GLYCOL OR OXIDE) () (METHACRL? OR MONOMETHACRY
 L106 3 S POLY() (ETHYLENEGLYCOL OR ETHYLENEOXIDE) () (METHACRL? OR MONOME
 L107 35 S BLEMMER PE 200
 L108 1 S BLEMMER PE200
 L109 2808 S L94-L108
 L110 326 S L90 AND L93
 L111 2 S L110 AND L109
 L112 11 S L110 AND L74, L75, L76
 L113 40 S L85, L86, L111, L112
 L114 7 S L113 AND ?EMULS?
 L115 1 S L113 AND L13-L15
 L116 7 S L114, L115
 L117 528 S L11 AND L85, L86, L90, L93, L109
 L118 6 S L117 AND L13-L15
 L119 50 S L117 AND ?EMULS?
 L120 45 S L113, L116, L118
 L121 12 S L119 AND L120
 L122 38 S L119 NOT L120, L121
 L123 4 S L122 AND L74, L75, L76
 L124 49 S L120, L121, L123
 L125 16 S L124 AND ?EMULS?
 L126 16 S L125 AND L1-L29, L85-L125
 L127 2 S L126 AND (RADIATION/SC OR WOOD)
 L128 14 S L126 NOT L127
 L129 33 S L124 NOT L125-L128
 L130 24 S L129 NOT (63 OR 38)/SC
 L131 7 S L130 AND (37 OR 35 OR 5)/SC
 SEL DN 3 6
 L132 2 S E1-E2
 L133 16 S L128, L132
 L134 9 S L129 NOT L130
 L135 25 S L133, L134 AND L1-L29, L85-L134
 L136 25 S L135 AND (?ACRYL? OR ?OXYALKYLENE? OR ?ETHYLENEOXIDE? OR ?ETH
 SEL HIT RN

FILE 'REGISTRY' ENTERED AT 09:10:27 ON 24 APR 2002

L137 22 S E3-E24
 L138 29509 S L39 NOT L137

FILE 'HCAPLUS' ENTERED AT 09:12:20 ON 24 APR 2002

L139 13 S L138 AND L136
 SEL HIT RN

FILE 'REGISTRY' ENTERED AT 09:12:49 ON 24 APR 2002

L140 54 S E25-E93 NOT L137

FILE 'HCA, HCAPLUS' ENTERED AT 09:13:52 ON 24 APR 2002

FILE 'HCAPLUS' ENTERED AT 09:14:12 ON 24 APR 2002
 L141 25 S L136, L139

FILE 'REGISTRY' ENTERED AT 09:14:49 ON 24 APR 2002

FILE 'HCAPLUS' ENTERED AT 09:15:08 ON 24 APR 2002

FILE 'REGISTRY' ENTERED AT 09:16:30 ON 24 APR 2002

L142 2 S L51 OR L69
 L143 3 S L56 OR L71
 L144 4 S L50 OR L52 OR L73

=> d ide can 1145

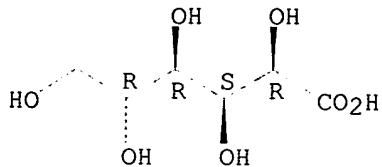
L145 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS
 RN 18472-51-0 REGISTRY
 CN D-Gluconic acid, compd. with N,N''-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediimidamide (2:1) (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 2,4,11,13-Tetraazatetradecanediimidamide, N,N''-bis(4-chlorophenyl)-3,12-diimino-, di-D-gluconate (9CI)
 CN Biguanide, 1,1'-hexamethylenebis[5-(p-chlorophenyl)-, di-D-gluconate (8CI)
 CN D-Gluconic acid, compd. with 1,1'-hexamethylenebis[5-(p-chlorophenyl)biguanide] (2:1) (6CI)
 CN Gluconic acid, compd. with 1,1'-hexamethylenebis[5-(p-chlorophenyl)biguanide] (2:1), D- (8CI)
 OTHER NAMES:
 CN 1,1'-Hexamethylenebis[5-(p-chlorophenyl)biguanide] digluconate
 CN 1,6-Bis(4-chlorophenylbiguanino)hexane digluconate
 CN 1,6-Bis(p-chlorophenylbiguanido)hexane digluconate
 CN 1,6-Bis[N5-(p-chlorophenyl)biguanido]hexane digluconate
 CN 4-Chlorhexidine digluconate
 CN Abacil
 CN Arlacide G
 CN Betasept
 CN Bis(p-chlorophenyl)diguanidohexane digluconate
 CN Chlorhexidine bigluconate
 CN Chlorhexidine di-D-gluconate
 CN Chlorhexidine digluconate
 CN **Chlorhexidine gluconate**
 CN Corsodyl
 CN Disteryl
 CN Hexidine
 CN Hibiscrub
 CN Hibisol
 CN Hibistat
 CN Hibitane
 CN Hibitane 5
 CN Manusan
 CN Maskin
 CN Maskin R
 CN Peridex
 CN Peridex (antiseptic)
 CN Septeal
 CN SY 1007
 FS STEREOSEARCH
 DR 12068-31-4, 14007-07-9, 124973-71-3, 60042-57-1, 60404-86-6, 21293-24-3,
 23289-58-9, 105791-72-8, 51365-13-0, 150621-85-5, 151498-43-0, 82432-16-4,
 40330-16-3, 52196-45-9, 52387-19-6, 227749-99-7, 230296-52-3
 MF C22 H30 Cl2 N10 . 2 C6 H12 O7
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CBNB, CHEMCATS, CHEMLIST,
 CIN, CSCHEM, CSNB, DDFU, DIOGENES, DRUGU, EMBASE, IFICDB, IFIPAT,
 IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PHARMASEARCH, PIRA,
 PROMT, RTECS*, TOXCENTER, TULSA, USAN, USPAT2, USPATFULL, VETU
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

CM 1

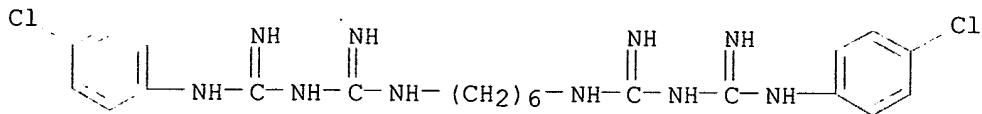
CRN 526-95-4
CMF C6 H12 O7

Absolute stereochemistry.



CM 2

CRN 55-56-1
CMF C22 H30 C12 N10



1352 REFERENCES IN FILE CA (1967 TO DATE)
 18 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1353 REFERENCES IN FILE CAPLUS (1967 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 136:268048

REFERENCE 2: 136:267980

REFERENCE 3: 136:252270

REFERENCE 4: 136:236885

REFERENCE 5: 136:228052

REFERENCE 6: 136:226356

REFERENCE 7: 136:189428

REFERENCE 8: 136:189387

REFERENCE 9: 136:177424

REFERENCE 10: 136:167821

=> d ide can 1146

L146 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS
 RN 55-56-1 REGISTRY

CN 2,4,11,13-Tetraazatetradecanediamide, N,N''-bis(4-chlorophenyl)-3,12-diimino- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Biguanide, 1,1'-hexamethylenebis[5-(p-chlorophenyl)- (6CI, 7CI, 8CI)
 OTHER NAMES:

CN 1,1'-Hexamethylenebis[5-(p-chlorophenyl)biguanide]

CN 1,6-Bis[5-(p-chlorophenyl)biguanidino]hexane

CN 1,6-Di(N-p-chlorophenylbiguanidino)hexane

CN Chlorhexidine

CN Chlorohex

CN Chlorohexidine

CN Eludril

CN Fimeil

CN Hexadol

CN Nolvasan

CN Promax

CN Rotersept

CN Soretol

CN Sterilon

CN Tubulicid

FS 3D CONCORD

DR 111883-36-4, 328933-19-3

MF C22 H30 Cl2 N10

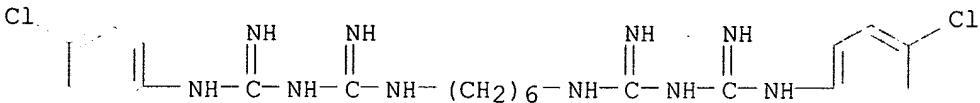
CI COM

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DIOGENES, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PHAR, PHARMASEARCH, PIRA, PROMT, RTECS*, TOXCENTER, USAN, USPAT2, USPATFULL, VETU

(*File contains numerically searchable property data)

Other Sources: EINECS**, WHO

(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1454 REFERENCES IN FILE CA (1967 TO DATE)

92 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

1457 REFERENCES IN FILE CAPLUS (1967 TO DATE)

29 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 136:268059

REFERENCE 2: 136:267887

REFERENCE 3: 136:248990

REFERENCE 4: 136:228052

REFERENCE 5: 136:226722

REFERENCE 6: 136:221531

REFERENCE 7: 136:213088

REFERENCE 8: 136:205474

REFERENCE 9: 136:205222

REFERENCE 10: 136:194203

=> fil hcaplus
FILE 'HCAPLUS' ENTERED AT 09:25:49 ON 24 APR 2002
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FILE COVERS 1907 - 24 Apr 2002 VOL 136 ISS 17
FILE LAST UPDATED: 22 Apr 2002 (20020422/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> d bib abs hitstr tot 1162

L162 ANSWER 1 OF 6 HCAPLUS COPYRIGHT 2002 ACS
AN 2002:142560 HCAPLUS
DN 136:205474
TI Coating compositions for delivering a medicament from the surface of a medical device
IN Chudzik, Stephen J.; Everson, Terrence P.; Amos, Richard A.
PA Surmodics, Inc., USA
SO PCT Int. Appl., 46 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002013871	A2	20020221	WO 2001-US41309	20010709
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	US 2002041899	A1	20020411	US 2001-901425	20010709
PRAI	US 2000-225465P	P	20000815		
AB	A coating compn., in both its uncrosslinked and crosslinked forms, for use in delivering a medicament from the surface of a medical device positioned in vivo is disclosed. Once crosslinked, the coating compn. provides a gel				

matrix adapted to contain the medicament in a form that permits the medicament to be released from the matrix in a prolonged, controlled, predictable and effective manner in vivo. A compn. includes a polyether monomer, such as an alkoxy poly(alkylene glycol), a carboxylic acid-contg. monomer, such as (meth)acrylic acid, a photoderivatized monomer, and a hydrophilic monomer such as acrylamide.

Acrylamide-methacrylic acid-methoxy polyethylene glycol monomethacrylate-N-[3-(4-benzoylbenzamido)propyl] methacrylamide copolymer was prepd. (I). Stainless steel rods (2 cm) were dipped in a soln. of 50 mg/mL I in isopropanol, air dried, subjected to UV light. The coated rods were incubated in a soln. of 100 mg/mL **chlorhexidine** diacetate for 30 min. at room temp. Release of **chlorhexidine** from rods was measured by placing the rod on agar surface that was incubated with **Staphylococcus epidermidis**.

IT 400723-71-9P 400723-72-0P

RL: DEV (Device component use); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

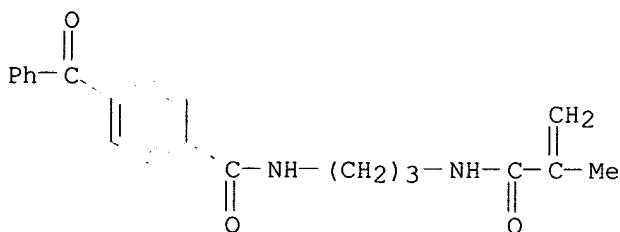
(coating compns. for delivering medicament from surface of medical device)

RN 400723-71-9 HCPLUS

CN 2-Propenoic acid, 2-methyl-, polymer with 4-benzoyl-N-[3-[(2-methyl-1-oxo-2-propenyl)amino]propyl]benzamide, .alpha.- (2-methyl-1-oxo-2-propenyl)-.omega.-methoxypoly(oxy-1,2-ethanediyl) and 2-propenamide (9CI) (CA INDEX NAME)

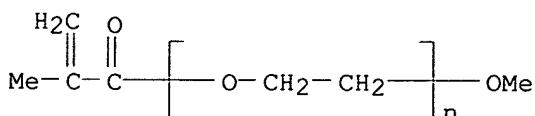
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CRN 165391-55-9
CMF C21 H22 N2 O3



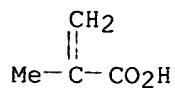
CM 2

CRN 26915-72-0
CMF (C2 H4 O)n C5 H8 O2
CCI PMS

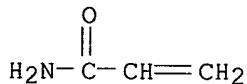


CM 3

CRN 79-41-4
CMF C4 H6 O2



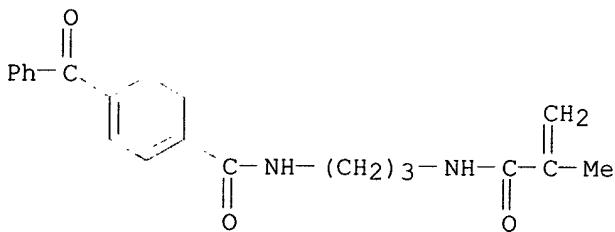
CM 4

CRN 79-06-1
CMF C3 H5 N O

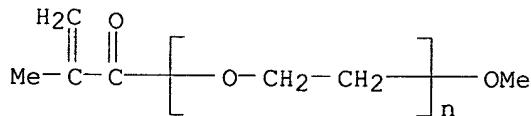
RN 400723-72-0 HCPLUS

CN 2-Propenoic acid, 2-methyl-, polymer with 4-benzoyl-N-[3-[(2-methyl-1-oxo-2-propenyl)amino]propyl]benzamide and .alpha.- (2-methyl-1-oxo-2-propenyl)-.omega.-methoxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

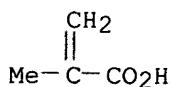
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CRN 165391-55-9
CMF C21 H22 N2 O3

CM 2

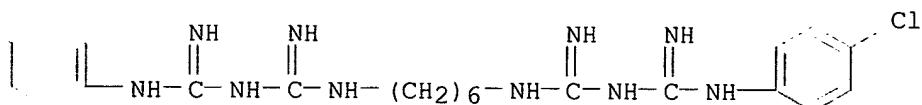
CRN 26915-72-0
CMF (C₂ H₄ O)_n C₅ H₈ O₂
CCI PMS

CM 3

CRN 79-41-4
CMF C₄ H₆ O₂

IT 55-56-1, Chlorhexidine 56-95-1,
 Chlorhexidine diacetate
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL
 (Biological study); USES (Uses)
 (coating compns. for delivering medicament from surface of medical
 device)
 RN 55-56-1 HCAPLUS
 CN 2,4,11,13-Tetraazatetradecanediimidamide, N,N''-bis(4-chlorophenyl)-3,12-
 diimino- (9CI) (CA INDEX NAME)

Cl



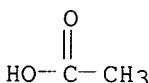
RN 56-95-1 HCAPLUS

CN 2,4,11,13-Tetraazatetradecanediimidamide, N,N''-bis(4-chlorophenyl)-3,12-
 diimino-, diacetate (9CI) (CA INDEX NAME)

CM 1

CRN 64-19-7

CMF C2 H4 O2

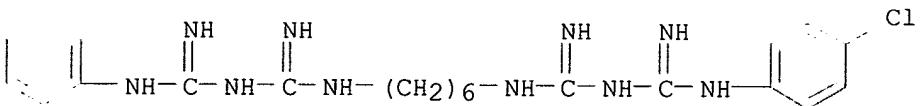


CM 2

CRN 55-56-1

CMF C22 H30 Cl2 N10

Cl



L162 ANSWER 2 OF 6 HCAPLUS COPYRIGHT 2002 ACS

AN 2001:693027 HCAPLUS

DN 135:262325

TI Medical dressings with multiple adhesives and methods of manufacturing
 IN Blatchford, Todd A.; Heinecke, Steven B.; Lucast, Donald H.; Peterson,
 Donald G.

PA 3M Innovative Properties Company, USA

SO PCT Int. Appl., 28 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI WO 2001068021	A1	20010920	WO 2000-US26090	20000925
W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,				

CN, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 2001051178 A1 20011213 US 2001-840405 20010423

PRAI US 2000-524139 A 20000310

AB Medical dressings are disclosed that include multiple exposed pressure sensitive adhesives. One of the pressure sensitive adhesives includes a bioactive agent and is substantially contact transparent. In some embodiments, all of the adhesives are substantially contact transparent. Also provided are methods of manufg. the medical dressings. By providing multiple exposed pressure sensitive adhesives, the pressure sensitive adhesive formulations can be varied to provide desired properties in different areas of the dressing. A pressure sensitive adhesive that exhibits relatively high tack to skin may be provided around the periphery of the dressing while a pressure sensitive adhesive incorporating a bioactive agent is provided in the center of the dressing. A antimicrobial microsphere adhesive was prep'd. by mixing: **isooctyl acrylate**, N-vinylpyrrolidone, PEG acrylate, PVP, glycerol, and 20% soln. of **chlorhexidine gluconate**.

IT 162735-65-1

RL: DEV (Device component use); FMU (Formation, unclassified); PEP (Physical, engineering or chemical process); POF (Polymer in formulation); THU (Therapeutic use); BIOL (Biological study); FORM (Formation, nonpreparative); PROC (Process); USES (Uses)
(medical dressings with multiple adhesives)

RN 162735-65-1 HCPLUS

CN 2-Propenoic acid, isooctyl ester, polymer with 1-ethenyl-2-pyrrolidinone and .alpha.- (1-oxo-2-propenyl)-.omega.-hydroxypoly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)

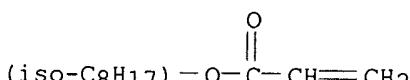
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CRN 29590-42-9

CMF C11 H20 O2

CCI IDS

CDES 8:ID,ISO

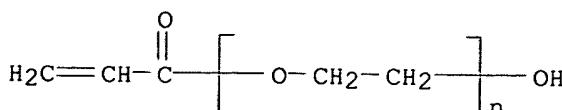


CM 2

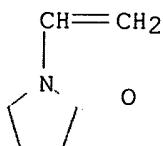
CRN 26403-58-7

CMF (C₂ H₄ O)_n C₃ H₄ O₂

CCI PMS



CM 3

CRN 88-12-0
CMF C6 H9 N O

IT 18472-51-0, Chlorhexidine gluconate

RL: DEV (Device component use); MOA (Modifier or additive use); PEP (Physical, engineering or chemical process); POF (Polymer in formulation); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)

(medical dressings with multiple adhesives)

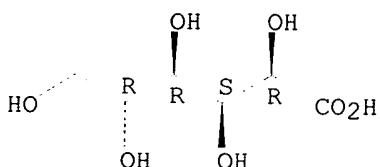
RN 18472-51-0 HCPLUS

CN D-Gluconic acid, compd. with N,N''-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamide (2:1) (9CI) (CA INDEX NAME)

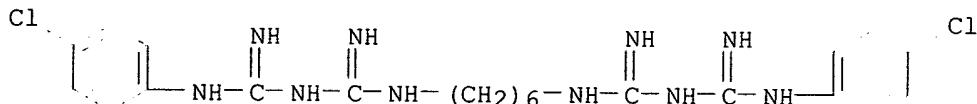
CM 1

CRN 526-95-4
CMF C6 H12 O7
CDES 5:D-GLUCO

Absolute stereochemistry.



CM 2

CRN 55-56-1
CMF C22 H30 Cl2 N10RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L162 ANSWER 3 OF 6 HCPLUS COPYRIGHT 2002 ACS

AN 2000:790249 HCPLUS

DN 133:351001

TI Infection-resistant polymers, their preparation, and uses in medical devices

IN Luthra, Ajay Kumar; Sandhu, Shivpal Singh

PA Biointeractions Ltd., UK

SO PCT Int. Appl., 41 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000065915	A1	20001109	WO 2000-GB1644	20000428
	W: AU, CA, JP, NO, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	GB 2349644	A1	20001108	GB 1999-10042	19990501
	EP 1175148	A1	20020130	EP 2000-925500	20000428
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				

PRAI GB 1999-10042 A 19990501
 WO 2000-GB1644 W 20000428

AB A family of infection-resistant and biocidal polymeric materials incorporates an infection-resistant biguanide, such as **chlorhexidine** or polyhexanide, pendant to the polymer chain, chem. linked to the polymer through the biguanide group secondary nitrogen atoms. Such polymeric materials are useful in manuf. of medical devices, such as contact lenses.

IT 269068-90-8DP, Butyl methacrylate-methacrylic acid-polyethylene glycol methyl ether methacrylate graft copolymer, reaction products with polyhexanide 306272-21-9DP, Butyl methacrylate-ethylene oxide-methacrylic acid graft copolymer methyl ether, reaction products with polyhexanide
 RL: IMF (Industrial manufacture); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses) .
 (infection-resistant polymers, their prepn., and uses in medical devices)

RN 269068-90-8 HCAPLUS

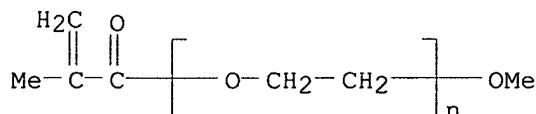
CN 2-Propenoic acid, 2-methyl-, polymer with butyl 2-methyl-2-propenoate and .alpha.-(2-methyl-1-oxo-2-propenyl)-.omega.-methoxypoly(oxy-1,2-ethanediyl), graft (9CI) (CA INDEX NAME)

CM 1

CRN 26915-72-0

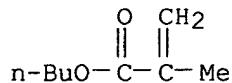
CMF (C₂ H₄ O)_n C₅ H₈ O₂

CCI PMS

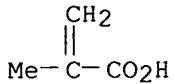


CM 2

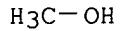
CRN 97-88-1

CMF C₈ H₁₄ O₂

CM 3

CRN 79-41-4
CMF C4 H6 O2RN 306272-21-9 HCPLUS
CN 2-Propenoic acid, 2-methyl-, polymer with butyl 2-methyl-2-propenoate and oxirane, methyl ether, graft (9CI) (CA INDEX NAME)

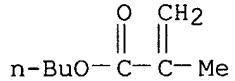
CM 1

CRN 67-56-1
CMF C H4 O

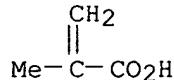
CM 2

CRN 269068-93-1
CMF (C8 H14 O2 . C4 H6 O2 . C2 H4 O)x
CCI PMS
CDES 8:PM, GRAFT

CM 3

CRN 97-88-1
CMF C8 H14 O2

CM 4

CRN 79-41-4
CMF C4 H6 O2

CM 5

CRN 75-21-8
CMF C2 H4 O

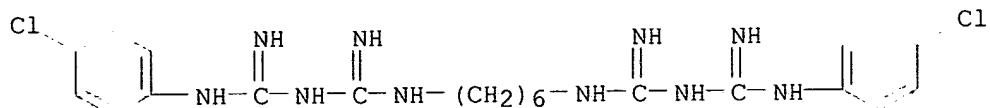
O

IT 55-56-1, Chlorohexidine

RL: RCT (Reactant); RACT (Reactant or reagent)
(infection-resistant polymers, their prepn., and uses in medical devices)

RN 55-56-1 HCAPLUS

CN 2,4,11,13-Tetraazatetradecanediimidamide, N,N''-bis(4-chlorophenyl)-3,12-diimino- (9CI) (CA INDEX NAME)



RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L162 ANSWER 4 OF 6 HCAPLUS COPYRIGHT 2002 ACS

AN 1996:422549 HCAPLUS

DN 125:67870

TI Wound dressing tapes with improved moisture vapor permeability

IN Delgado, Joachim; Goetz, Richard J.; Silver, Spencer F.; Lucast, Donald H.

PA Minnesota Mining and Mfg. Co., USA

SO PCT Int. Appl., 53 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9614094	A1	19960517	WO 1995-US12193	19950925
	W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT				
	RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	US 5614310	A	19970325	US 1994-334683	19941104
	CA 2202264	AA	19960517	CA 1995-2202264	19950925
	AU 9535963	A1	19960531	AU 1995-35963	19950925
	AU 685321	B2	19980115		
	EP 789596	A1	19970820	EP 1995-933211	19950925
	R: DE, ES, FR, GB, IT				
	CN 1162268	A	19971015	CN 1995-196042	19950925
	BR 9509599	A	19980106	BR 1995-9599	19950925
	JP 10508520	T2	19980825	JP 1995-515292	19950925
	US 5908693	A	19990601	US 1996-760592	19961204
PRAI	US 1994-334683		19941104		
	WO 1995-US12193		19950925		

AB A wound dressing tape comprises a moisture-vapor permeable polyurethane backing and a contiguous particulate adhesive layer consisting of tacky, substantially solvent-insol., solvent-dispersible, acrylate-based, elastomeric, pressure-sensitive adhesive microspheres. The adhesive may optionally be impregnated with an antimicrobial agent and a transfer agent wherein the transfer agent is effective for allowing migration of the antimicrobial agent from the interior of the adhesive layer to the surface of the adhesive layer in contact with the wound.

Isooctyl acrylate-N-vinylpyrrolidone-polyethylene oxide acrylate (90:5:5) copolymer
 was prep'd. as an adhesive and **chlorhexidine gluconate**
 and glycerol (as a transfer agent) were added to the adhesive. The
 product was tested for adhesion strength and log bacteria redn.

IT 178491-98-0 178491-99-1

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (adhesive; wound dressing tapes comprising **polyacrylate**
 microspheres and polyurethane backing with improved moisture/vapor
 permeability)

RN 178491-98-0 HCPLUS

CN 2-Propenoic acid, polymer with isooctyl 2-propenoate and oxirane (9CI)
 (CA INDEX NAME)

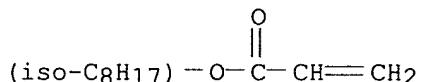
CM 1

CRN 29590-42-9

CMF C11 H20 O2

CCI IDS

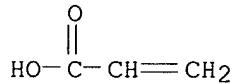
CDES 8:ID, ISO



CM 2

CRN 79-10-7

CMF C3 H4 O2



CM 3

CRN 75-21-8

CMF C2 H4 O



RN 178491-99-1 HCPLUS

CN 2-Propenoic acid, polymer with 1-ethenyl-2-pyrrolidinone, isooctyl
 2-propenoate and oxirane (9CI) (CA INDEX NAME)

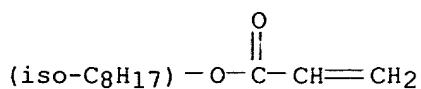
CM 1

CRN 29590-42-9

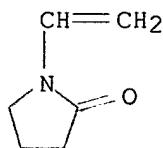
CMF C11 H20 O2

CCI IDS

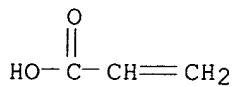
CDES 8:ID, ISO



CM 2

CRN 88-12-0
CMF C₈ H₁₇ N O

CM 3

CRN 79-10-7
CMF C₃ H₄ O₂

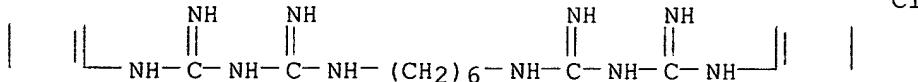
CM 4

CRN 75-21-8
CMF C₂ H₄ OIT 55-56-1, Chlorhexidine 18472-51-0,
Chlorhexidine gluconateRL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(antimicrobial agent; wound dressing tapes comprising
polyacrylate microspheres and polyurethane backing with
improved moisture/vapor permeability)

RN 55-56-1 HCPLUS

CN 2,4,11,13-Tetraazatetradecanediimidamide, N,N''-bis(4-chlorophenyl)-3,12-diimino- (9CI) (CA INDEX NAME)

C1



C1

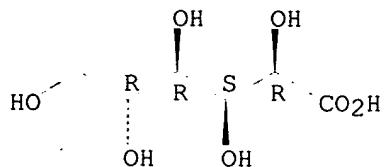
RN 18472-51-0 HCPLUS

CN D-Gluconic acid, compd. with N,N''-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediimidamide (2:1) (9CI) (CA INDEX NAME)

CM 1

CRN 526-95-4
 CMF C6 H12 O7
 CDES 5:D-GLUCO

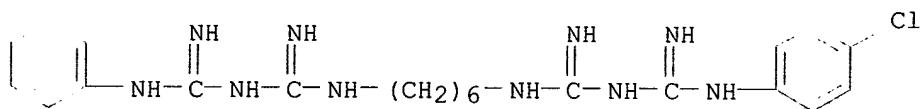
Absolute stereochemistry.



CM 2

CRN 55-56-1
 CMF C22 H30 Cl2 N10

Cl



L162 ANSWER 5 OF 6 HCAPLUS COPYRIGHT 2002 ACS

AN 1993:678771 HCAPLUS

DN 119:278771

TI Petrolatum-free topical aromatic-releasing compositions for relief of symptoms of the common cold or other disorders

IN Hughes, Timothy John; Deckner, George Endel

PA Vicks, Richardson, Inc., USA

SO PCT Int. Appl., 21 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9317655	A1	19930916	WO 1993-US1520	19930222
	W: AU, BB, BG, BR, CA, CZ, FI, HU, JP, KP, KR, LK, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SK, UA				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, SN, TD, TG				
US	5322689	A	19940621	US 1992-850328	19920310
AU	9337271	A1	19931005	AU 1993-37271	19930222
AU	668142	B2	19960426		
JP	07504657	T2	19950525	JP 1993-515711	19930222
HU	68561	A2	19950628	HU 1994-2591	19930222
EP	727978	A1	19960828	EP 1993-906110	19930222
EP	727978	B1	20020109		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
PL	172276	B1	19970829	PL 1993-305109	19930222
CZ	283027	B6	19971217	CZ 1994-2205	19930222
CA	2130464	C	19990202	CA 1993-2130464	19930222
RU	2125870	C1	19990210	RU 1994-40855	19930222
AT	211642	E	20020115	AT 1993-906110	19930222

BR 9301118	A	19930914	BR 1993-1118	19930309
CN 1079896	A	19931229	CN 1993-104041	19930310
CN 1058150	B	20001108		
NO 9403314	A	19941109	NO 1994-3314	19940908
FI 9404168	A	19940909	FI 1994-4168	19940909
PRAI US 1992-850328	A	19920310		
WO 1993-US1520	A	19930222		

AB The compns. of the invention are substantially free from petrolatum and contain .gtoreq.1 of menthol, camphor, and eucalyptus oil. The compns. are topical oil-in-water emulsions which include an **acrylic acid-acrylic ester copolymer**. The compns. may further contain antimicrobials, wound-healing agents, vitamins, etc. Formulations are included which are useful for topical application to provide relief from cough, cold, cold-like, and/or flu symptoms.

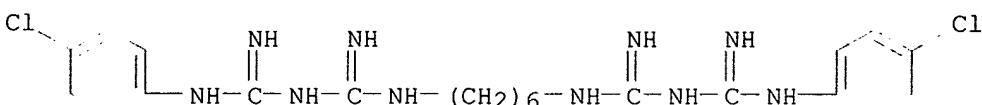
IT 55-56-1, **Chlorhexidine**

RL: BIOL (Biological study)

(in topical arom.-releasing petrolatum-free pharmaceutical emulsion contg. menthol and/or camphor and/or eucalyptus oil)

RN 55-56-1 HCAPLUS

CN 2,4,11,13-Tetraazatetradecanediimidamide, N,N''-bis(4-chlorophenyl)-3,12-diimino- (9CI) (CA INDEX NAME)



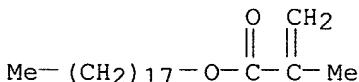
IT 32360-05-7D, polymers with allyl sucrose and **acrylic acid**

RL: BIOL (Biological study)

(in topical arom.-releasing petrolatum-free pharmaceutical emulsion contg. menthol and/or camphor and/or eucalyptus oil, for treatment of symptoms of common cold or other respiratory disorder)

RN 32360-05-7 HCAPLUS

CN 2-Propenoic acid, 2-methyl-, octadecyl ester (9CI) (CA INDEX NAME)



L162 ANSWER 6 OF 6 HCAPLUS COPYRIGHT 2002 ACS

AN 1986:193220 HCAPLUS

DN 104:193220

TI Film-forming composition containing an antimicrobial agent

IN Dell, John D.; Andrus, Milton H., Jr.

PA Minnesota Mining and Mfg. Co., USA

SO Eur. Pat. Appl., 28 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	-----	-----	-----	-----	-----
PI	EP 164999	A2	19851218	EP 1985-303937	19850604
	EP 164999	A3	19870513		
	EP 164999	B1	19900816		
	R: CH, DE, FR, GB, IT, LI, SE				
	US 4584192	A	19860422	US 1984-617255	19840604

ZA 8503799	A	19870128	ZA 1985-3799	19850520
CA 1254141	A1	19890516	CA 1985-482133	19850523
AU 8543241	A1	19851212	AU 1985-43241	19850603
AU 583273	B2	19890427		
JP 61002862	A2	19860108	JP 1985-121371	19850604
JP 06022558	B4	19940330		
PRAI US 1984-617255		19840604		

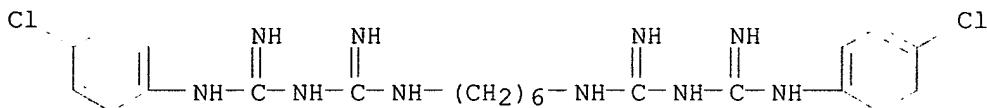
AB A fluid-resistant, nontacky, clear, flexible copolymer film adheres to the skin and releases an antimicrobial agent to the skin for control of infection and promotion of healing in surgical and other wounds. The copolymer consists of 3 basic monomers: a C2-14-alkyl **acrylate** or a C7-18-alkyl **methacrylate** 15-80%, a C1-6-alkyl **methacrylate** 20-70%, and an N-vinyl lactam 1-15%. Thus, an **isooctyl acrylate**-Me **methacrylate**-**N-vinylpyrrolidone** copolymer incorporated I and NaI dissolved in EtOH, was of good tensile strength, was tack-free, had good skin adherence, was dermatol. acceptable, and inhibited (when contg. the I materials) *Staphylococcus aureus* growth.

IT 55-56-1

RL: BIOL (Biological study)
(polymeric films contg., for promotion of wound healing)

RN 55-56-1 HCAPLUS

CN 2,4,11,13-Tetraazatetradecanediimidamide, N,N'-bis(4-chlorophenyl)-3,12-diimino- (9CI) (CA INDEX NAME)



=> d his

(FILE 'HOME' ENTERED AT 07:31:19 ON 24 APR 2002)
SET COST OFF

FILE 'HCAPLUS' ENTERED AT 07:31:35 ON 24 APR 2002

	E MOSBEY D/AU
L1	2 S E4
	E ELAN G/AU
	E EIAN G/AU
L2	25 S E4-E6
	E SCHOLZ M/AU
L3	230 S E3,E23,E25,E27,E29
	E MALLO R/AU
L4	4 S E3,E4,E6
	E LU L/AU
L5	345 S E3-E24
	E LU LING/AU
L6	192 S E3-E30
	E 3M/PA,CS
L7	3018 S E3,E4
L8	126 S (3 M)/PA,CS
L9	4150 S (MINN?(L)MIN?(L)MFG?)/PA,CS
L10	2981 S (MINN?(L)MIN?(L)MANUF?)/PA,CS
L11	11006 S L1-L10
L12	723 S L11 AND ?EMULS?
	E EMULSION/CT
	E E35+ALL
L13	35532 S E3+NT

E E24+ALL
 L14 2442 S E7+NT
 E E9+ALL
 L15 15849 S E4+NT
 L16 213 S L13-L15 AND L11
 L17 723 S L12,L16
 L18 6 S L17 AND (PEG OR PPG)
 L19 22 S L17 AND (?ETHYLENEOXIDE? OR ?ETHYLENEGLYCOL? OR ?OXYETHYLENE?
 L20 58 S L17 AND (?ETHYLENE OXIDE? OR ?ETHYLENE GLYCOL? OR POLYOXY ETH
 L21 75 S L18-L20
 L22 5 S L21 AND COSMETIC#/SC,SX,CW,BI
 L23 162 S L17 AND ?VINYL?
 L24 431 S L7 AND ?ACRYL?
 L25 16 S L23,L24 AND L21
 L26 7 S L25 AND ?ISOOCTYL?
 L27 0 S L25 AND ?STEARYL?
 L28 1 S L25 AND ?STEAR?
 L29 8 S L25 NOT L26,L28
 SEL RN L26

FILE 'REGISTRY' ENTERED AT 07:42:48 ON 24 APR 2002

L30 80 S E1-E80
 L31 23 S L30 AND C2H4O
 L32 3 S L30 AND C3H6O
 L33 25 S L31,L32
 L34 STR
 L35 79010 S C2H4O
 L36 45804 S C3H6O
 L37 108520 S L35,L36
 L38 50 S L34 SAM SUB=L37
 L39 29523 S L34 FUL SUB=L37
 L40 STR L34
 L41 50 S L40 CSS SAM SUB=L39
 L42 18618 S L40 CSS FUL SUB=L39
 L43 14893 S L35 AND L42
 L44 14630 S L39 NOT L43
 L45 14 S L30 AND L39
 L46 1 S 187284-17-9
 L47 1 S 188308-96-5
 E (C2H4O)NC4H6O2/MF
 L48 5 S E3
 L49 2 S L48 AND PROPENYL
 L50 1 S 25736-86-1
 L51 1 S 29590-42-9
 L52 1 S 26403-58-7
 E C11H20O2/MF
 L53 3927 S E3
 L54 35 S L53 AND 2 PROPENOIC AND ESTER
 E STEARYL METHARYLATE/CN
 L55 1 S E2
 L56 1 S 32360-05-7
 L57 954 S 29590-42-9/CRN
 L58 3571 S 32360-05-7/CRN
 L59 1372 S 25736-86-1/CRN
 L60 404 S 26403-58-7/CRN
 L61 8 S L57 AND L58
 L62 35 S L57 AND L59,L60
 L63 24 S L58 AND L59,L60
 L64 0 S L61 AND L62,L63
 L65 0 S L62 AND L63
 L66 1 S L61 AND 2/NC
 L67 59 S L62,L63
 L68 3 S L57 AND HOMOPOLYMER

L69 1 S L68 AND 1/NC
 L70 14 S L58 AND HOMOPOLYMER
 L71 2 S L70 AND 1/NC
 L72 9 S L59, L60 AND HOMOPOLYMER
 L73 2 S L72 AND 1/NC
 L74 1 S 25322-68-3
 L75 1 S 25322-69-4
 L76 5 S 181946-91-8 OR 126925-06-2 OR 125227-17-0 OR 106392-12-5 OR 9
 L77 11 S L45 AND L57
 L78 0 S L45 AND L58
 L79 0 S L45 AND L59
 L80 8 S L45 AND L60
 L81 12 S L77, L80
 L82 2 S L45 NOT L81
 L83 1 S L82 NOT C6/ES
 L84 13 S L81, L83

FILE 'HCAPLUS' ENTERED AT 08:45:14 ON 24 APR 2002

L85 26 S L84
 L86 2 S L66
 L87 462 S L51 OR L69 OR L71
 L88 732 S ?ISOCTYL ACRYL?
 L89 20 S ?ISOCTYLACRYL?
 L90 1069 S L87-L89
 L91 685 S L56 OR L71
 L92 1352 S ?STEARYL METHACRYL? OR ?STEARYL METH ACRYL? OR ?STEARYLMETHAC
 L93 1715 S L91, L92
 L94 590 S L50 OR L52 OR L73
 L95 15 S ?ETHYLENEGLYCOL MONOACRYL? OR ?ETHYLENEOXIDE MONOACRYL? OR ?O
 L96 370 S ?ETHYLENEGLYCOL ACRYL? OR ?ETHYLENEOXIDE ACRYL? OR ?OXYETHYLE
 L97 44 S ?ETHYLENEGLYCOL MONOMETHYACRYL? OR ?ETHYLENEOXIDE MONOMETHACR
 L98 431 S ?ETHYLENEGLYCOL METHYACRYL? OR ?ETHYLENEOXIDE METHACRYL? OR ?
 L99 122 S ?ETHYLENE GLYCOL METHYACRYL? OR ?ETHYLENE OXIDE METHACRYL?
 L100 15 S ?ETHYLENE GLYCOL MONOMETHYACRYL? OR ?ETHYLENE OXIDE MONOMETHA
 L101 955 S ?ETHYLENE GLYCOL ACRYL? OR ?ETHYLENE OXIDE ACRYL?
 L102 309 S ?ETHYLENE GLYCOL MONOACRYL? OR ?ETHYLENE OXIDE MONOACRYL?
 L103 357 S (POLYETHYLENEGLYCOL OR POLYETHYLENEOXIDE OR POLYOXYETHYLENE) (
 L104 1026 S POLYETHYLENE() (GLYCOL OR OXIDE) () (METHACRL? OR MONOMETHACRYL?
 L105 139 S POLY()ETHYLENE() (GLYCOL OR OXIDE) () (METHACRL? OR MONOMETHACRY
 L106 3 S POLY() (ETHYLENEGLYCOL OR ETHYLENEOXIDE) () (METHACRL? OR MONOME
 L107 35 S BLEMMER PE 200
 L108 1 S BLEMMER PE200
 L109 2808 S L94-L108
 L110 326 S L90 AND L93
 L111 2 S L110 AND L109
 L112 11 S L110 AND L74, L75, L76
 L113 40 S L85, L86, L111, L112
 L114 7 S L113 AND ?EMULS?
 L115 1 S L113 AND L13-L15
 L116 7 S L114, L115
 L117 528 S L11 AND L85, L86, L90, L93, L109
 L118 6 S L117 AND L13-L15
 L119 50 S L117 AND ?EMULS?
 L120 45 S L113, L116, L118
 L121 12 S L119 AND L120
 L122 38 S L119 NOT L120, L121
 L123 4 S L122 AND L74, L75, L76
 L124 49 S L120, L121, L123
 L125 16 S L124 AND ?EMULS?
 L126 16 S L125 AND L1-L29, L85-L125
 L127 2 S L126 AND (RADIATION/SC OR WOOD)
 L128 14 S L126 NOT L127
 L129 33 S L124 NOT L125-L128

L130 24 S L129 NOT (63 OR 38)/SC
L131 7 S L130 AND (37 OR 35 OR 5)/SC
SEL DN 3 6
L132 2 S E1-E2
L133 16 S L128, L132
L134 9 S L129 NOT L130
L135 25 S L133, L134 AND L1-L29, L85-L134
L136 25 S L135 AND (?ACRYL? OR ?OXYALKYLENE? OR ?ETHYLENEOXIDE? OR ?ETH
SEL HIT RN

FILE 'REGISTRY' ENTERED AT 09:10:27 ON 24 APR 2002
L137 22 S E3-E24
L138 29509 S L39 NOT L137

FILE 'HCAPLUS' ENTERED AT 09:12:20 ON 24 APR 2002
L139 13 S L138 AND L136
SEL HIT RN

FILE 'REGISTRY' ENTERED AT 09:12:49 ON 24 APR 2002
L140 54 S E25-E93 NOT L137

FILE 'HCA, HCAPLUS' ENTERED AT 09:13:52 ON 24 APR 2002

FILE 'HCAPLUS' ENTERED AT 09:14:12 ON 24 APR 2002
L141 25 S L136, L139

FILE 'REGISTRY' ENTERED AT 09:14:49 ON 24 APR 2002

FILE 'HCAPLUS' ENTERED AT 09:15:08 ON 24 APR 2002

FILE 'REGISTRY' ENTERED AT 09:16:30 ON 24 APR 2002
L142 2 S L51 OR L69
L143 3 S L56 OR L71
L144 4 S L50 OR L52 OR L73
E CHLORHEXIDINE GLUCONATE/CN
L145 1 S E3
L146 1 S 55-56-1
L147 283 S 55-56-1/CRN
L148 282 S L147 NOT L145

FILE 'HCAPLUS' ENTERED AT 09:19:07 ON 24 APR 2002
L149 1387 S L145
L150 1457 S L146
L151 993 S L148
L152 791 S CHLORHEXIDINE GLUCONATE
L153 481 S CHLORHEXIDINE DIGLUCONATE
L154 25 S CHLORHEXIDINE BIGLUCONATE
L155 8 S L149-L154 AND L85, L86, L90, L93, L109
L156 8 S L1-L29, L85-L136, L139, L141 AND L155
L157 6 S L156 NOT 4/SC, SX
L158 5 S L157 AND CHLORHEXIDIN?
L159 6 S L157, L158
L160 6 S L159 AND (?ACRYL? OR ?OXYALKYLENE? OR ?ETHYLENEOXIDE? OR ?ETH
L161 4 S L160 AND L39, L84
L162 6 S L160, L161

FILE 'REGISTRY' ENTERED AT 09:25:31 ON 24 APR 2002

FILE 'HCAPLUS' ENTERED AT 09:25:49 ON 24 APR 2002